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HEALTH REPORT

FOR THE

CITY OF NEWARK

1950

Department of Health, Newark, N. J.
CHARLES V. CRASTER, M.D., D.P.H.
Health Officer.

HON. STEPHEN J. MORAN, Director,
Department of Public Affairs.

THIRTY-SIX YEARS AS HEALTH OFFICER

THIS WILL BE MY FINAL REPORT AS HEALTH OFFICER OF THE CITY OF NEWARK. AFTER THIRTY-SIX YEARS MY HEALTH DICTATES THAT I RETIRE TO THE SIDELINES. THESE YEARS HAVE BEEN INTERESTING, I BELIEVE WORTHWHILE AND ALMOST ALWAYS HAPPY ONES. I SAY "ALMOST" ALWAYS AS IT WAS NOT VERY HAPPY DURING THOSE TRYING MONTHS OF THE 1916 INFANTILE PARALYSIS EPIDEMIC OR IN 1918 WITH ITS INFLUENZA SCOURGE (OVER 29,000 CASES AND 1300 INFLUENZA DEATHS AND 850 PNEUMONIA DEATHS WITHIN THREE MONTHS) AND WITH NO VIRUS VACCINE OR PENICILLIN TO HELP US.

BEFORE PROCEDING WITH THE 1950 REPORT, SO SIMILAR TO MANY PREVIOUS ONES WITH NEW EFFORTS AND NEW HEALTH RECORDS, MAY I REMINISCE AND MENTION A FEW OF THE MORE INTERESTING OR DRAMATIC EVENTS DURING THOSE YEARS. THE TWO EPIDEMICS MENTIONED WILL, OF COURSE, NEVER BE FORGOTTEN BUT HERE ARE A FEW MEMORIES:

SMALLPOX VACCINATION — IN 1936 WE HAD FOUR OR FIVE MILD AND RECOVERED CASES OF SMALLPOX WHICH HAD COME TO OUR CITY FROM THE SOUTH. NEWARK HAD DROPPED IN VACCINATION RATE DUE TO THE MANY WHO HAD SETTLED HERE DURING THE FIRST WORLD WAR FROM UNVACCINATED AREAS. WE USED THESE FEW CASES AS AN EXCUSE, DECLARED AN "EPIDEMIC" AND UNDER THAT AUTHORITY ROPED OFF HUNDREDS OF BLOCKS, VACCINATING EVERY ADULT THEREIN, USING EMPTY STORES, TABLES ON THE STREET, AND EVEN IN BEDROOMS. IN TEN WEEKS WE VACCINATED 106,000. NEWARK WAS AGAIN AND STILL IS A SAFELY VACCINATED COMMUNITY.

DIPHTHERIA IMMUNIZATION — IN 1929 WE HAD 1717 CASES OF DIPHTHERIA AND 96 DEATHS. WE URGED IMMUNIZATION, OPENED CLINICS, THE PUBLIC BELIEVED OUR PROMISES, AND THE DOCTORS ALSO COOPERATED. DIPHTHERIA IMMUNIZATION WAS GIVEN AI PRIORITY. TODAY DIPHTHERIA IS PRACTICALLY GONE. WE HAVE HAD ONLY TWELVE CASES AND NOT ONE DEATH IN SEVEN YEARS.

DOMESTIC EMPLOYEE EXAMINATIONS — SOME YEARS AGO, WE NOTICED THAT MANY VENEREAL DISEASE CLINIC PATIENTS GAVE HISTORIES OF WORKING IN PRIVATE HOMES. I INSTITUTED COMPULSORY SEMI-ANNUAL EXAMINATIONS OF DOMESTICS SIMILAR TO FOOD HANDLERS; THE FIRST HEALTH DEPARTMENT TO DO SO. WAS IT WORTHWHILE? THIS IS THE ANSWER. OF THE FIRST 10,000 TESTED, 1800 WERE POSITIVE FOR SYPHILIS AND 900 OF THESE HAD NOT SUSPECTED THE DISEASE. THEY WERE IMMEDIATELY PLACED UNDER TREATMENT. THE SPIROCHETE COULD DO NO FURTHER DAMAGE, PATIENT CEASED TO BE INFECTIOUS TO OTHERS AND WHO CAN ESTIMATE HOW MANY OF THESE 900 MIGHT HAVE BECOME PUBLIC CHARGES IN ALMS HOUSES, INSANE ASYLUMS, OR OCCUPY CHRONIC HOSPITAL BEDS.

HEALTH RATES - THEN & NOW — IN 1915, I FOUND A CONGESTED INDUSTRIAL CITY OF 375,000. THE FOLLOWING ARE SOME OF THE HEALTH RATES OF THAT YEAR AND THE RATES FOR 1950. THEY SPEAK FOR THEMSELVES.

	1915	1950	
CRUDE DEATH RATE	14.3	11.5	
T. B. DEATH RATE	198.0	47.2	(LOWEST EVER)
INFANT MORTALITY RATE	85.3	27.1	(LOWEST EVER)
NEO-NATAL MORTALITY	48.9	5.2	(LOWEST EVER)
DIARRHEA DEATHS (UNDER 5)	330	8	(PRINCIPAL INF. MORT. REDUCTION)
DEATHS OVER 65	14%	43%	(LONGER LIFE)
TYPHOID FEVER	2.9	NONE IN 5 YEARS	
DIPHTHERIA MORTALITY RATE	13.1	NONE IN 7 YEARS	

I WISH AT THIS TIME TO THANK THE NEWARK PUBLIC FOR ITS CONFIDENCE AND COOPERATION, A SPECIAL THANK YOU TO OUR PRIVATE PHYSICIANS AND MY SPECIAL THANKS AND COMMENDATION TO THE DEPARTMENT PERSONNEL FROM MY ASSISTANT HEALTH OFFICERS AND DIVISION HEADS TO THE LOWEST STAFF WORKER. THEY MADE OUR ACCOMPLISHMENTS POSSIBLE.

NEWARK, N.J.
MAR. 1, 1951

Charles V. Crowter M.D., D.P.H.
HEALTH OFFICER

WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DEPARTMENT BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASE. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG AND RABIES CONTROL; INSURE GOOD PLUMBING; INFANT BOARDING HOME SUPERVISION; LODGING HOUSE SUPERVISION, AND DOZENS OF OTHER INCIDENTAL HEALTH WORKS -

BUT ALSO

1 - MEDICAL CARE OF THE POOR - APPROXIMATELY $350,000 IS SPENT IN THE MEDICAL CARE OF THE POOR,- CLINIC TREATMENTS, HOME DOCTOR AND NURSE TREATMENTS, ETC.
CURING THE SICK, KEEPS THEM OFF THE RELIEF ROLL.

2 - DISEASE CONTROL - ALMOST ONE HUNDRED THOUSAND SCREEN-TESTING CHEST X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC. -- CURE IS ALSO POSSIBLE IN EARLY STAGES.

3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS, WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE.

4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 13,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE FOR PUBLIC SCHOOL CHILDREN BY THE BOARD OF EDUCATION.

5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 10,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY.

6 - CLEAN FOOD - SECURE MAXIMUM SANITATION IN EVERY FOOD ESTABLISHMENT, WHERE THE PUBLIC HAS NO OTHER PROTECTION. WE EVEN INSTRUCT RESTAURANT HELP TO PREVENT FOOD INFECTIONS.

7 - PURE MILK - INSURE A PURE SUPPLY OF MILK; 2,000,000 QUARTS PER WEEK. (THE MAJOR FOOD OF INFANTS AND CHILDREN).

8 - INDUSTRIAL HEALTH - MAINTAIN HEALTHFUL WORKING CONDITIONS IN MORE THAN 1,000 INDUSTRIAL PLANTS.

9 - CONTAGION - CONTROL & PREVENTION - NOT ONLY PREVENT SPREAD OF CONTAGIOUS DISEASE, BUT CAMPAIGN FOR PROTECTION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.

DEPARTMENT OF HEALTH

NEWARK, N. J.

HEALTH OFFICER - - - - - - - - - - - - - - - - CHARLES V. CRASTER, M.D., D.P.H.

MEDICAL INVESTIGATOR - - - - - - - - - - - - - - AARON H. HASKIN, M.D., M.P.H.

ASSISTANT HEALTH OFFICERS

ROBERT F. MORGAN
EXECUTIVE DIVISION

CHRISTOPHER C. NUGENT, JR.
SANITARY DIVISION

JOSEPH E. CONNOLLY
FOOD & DRUG DIVISION

MEDICAL DIVISION HEADS

CHILD HYGIENE
JULIUS LEVY, M.D.

CONTAGION
JOSEPH W. GARDAM, M.D.

CHEST DISEASES
IRVING WILLNER, M.D.

VENEREAL DISEASE
EDMOND EDELSON, M.D.

OCCUPATIONAL
WILLIAM T. RUMAGE, M.D.

CITY DISPENSARY
PASCAL BAIOCCHI, M.D.

* * *

CHIEF BACTERIOLOGIST
HAROLD A. TARBELL, M.D.

CHIEF VETERINARIAN
MICHAEL J. HUGHES, D.V.S.

PATHOLOGIST
HARRISON S. MARTLAND, M.D.

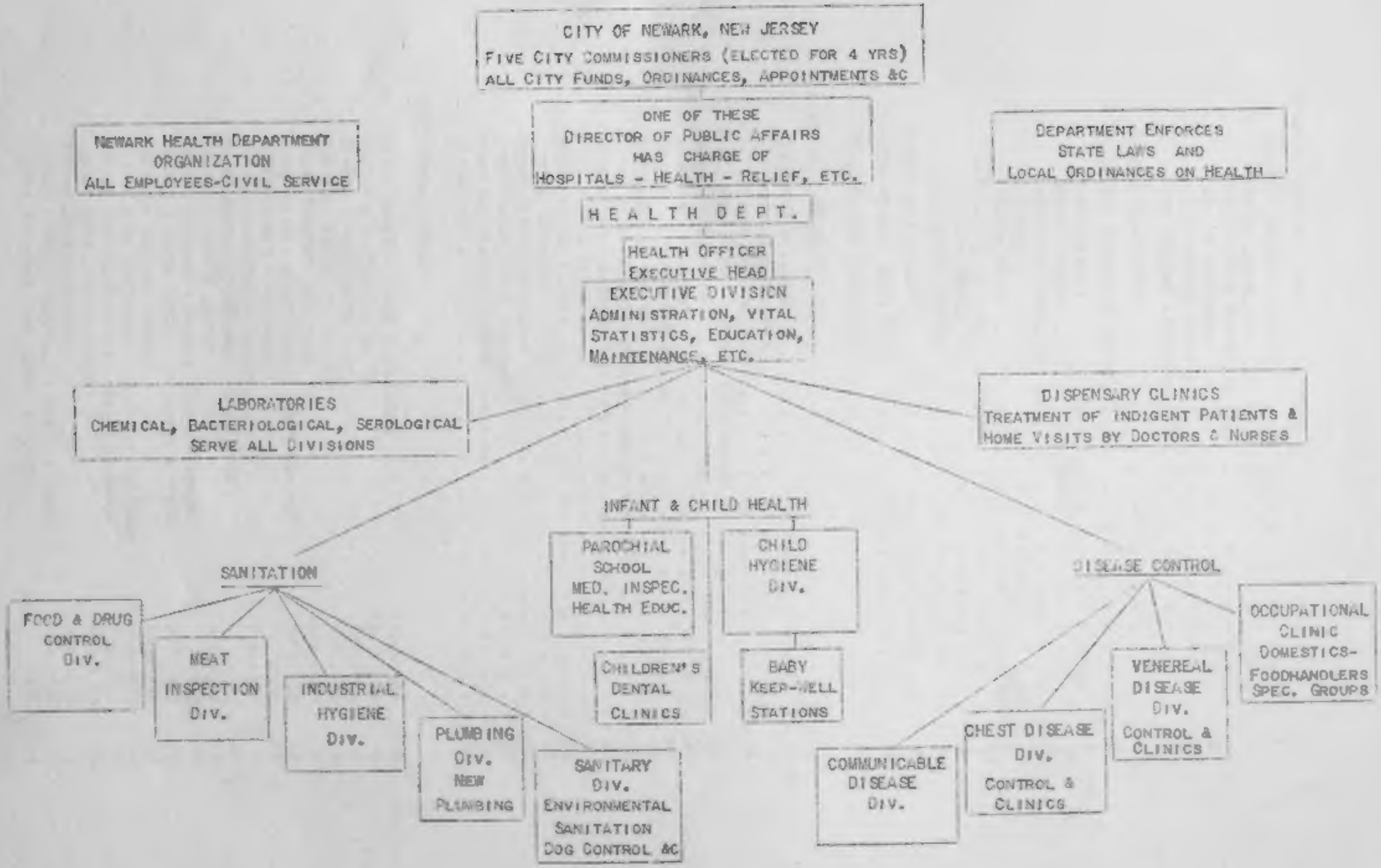
CHIEF PHARMACIST
OSCAR B. STEVENS, PH.G.

CITY CHEMIST
HALSEY DURAND, B.S.

CHIEF DENTAL SUPERVISOR
LEO J. MCMANUS, D.D.S.

* * *

CHIEF INSPECTOR, PLUMBING	CHARLES A. HALLGRING
CHIEF INSPECTOR, CONTAGION	WILLIAM S. JENNINGS
CHIEF INSPECTOR, SANITATION	JOHN F. LYNCH
CHIEF INSPECTOR, INDUSTRIAL HYGIENE	CHARLES J. MAGUIRE
CHIEF INSPECTOR, FOOD & DRUG	DAVID E. MORGAN
CHIEF INSPECTOR, FUMIGATION	EDWARD A. SMITH
DIRECTOR, PUBLIC HEALTH NURSING SERVICE	MELVINA H. RYAN, R.N.
SUPERVISOR, CHILD HYGIENE NURSES	MEREDITH EHRICH, R.N.
SUPERVISOR, TUBERCULOSIS NURSES	MAE C. WACKENHUTH, R.N.
SUPERVISOR, PAROCHIAL SCHOOL NURSES	ANNE T. REILLY, R.N.
SUPERVISOR, VISUAL HEALTH EDUCATION	PETER COVEN


CITY OF NEWARK, NEW JERSEY
FIVE CITY COMMISSIONERS (ELECTED FOR 4 YRS)
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS &C
NEWARK HEALTH DEPARTMENT ORGANIZATION
ALL EMPLOYEES-CIVIL SERVICE
ONE OF THESE
DIRECTOR OF PUBLIC AFFAIRS
HAS CHARGE OF
HOSPITALS - HEALTH - RELIEF, ETC.
DEPARTMENT ENFORCES
STATE LAWS AND
LOCAL ORDINANCES ON HEALTH
HEALTH DEPT.
HEALTH OFFICER
EXECUTIVE HEAD
EXECUTIVE DIVISION
ADMINISTRATION, VITAL STATISTICS, EDUCATION, MAINTENANCE, ETC.
LABORATORIES
CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL
SERVE ALL DIVISIONS
DISPENSARY CLINICS
TREATMENT OF INDIGENT PATIENTS &
HOME VISITS BY DOCTORS & NURSES
INFANT & CHILD HEALTH
PAROCHIAL SCHOOL MED. INSPEC. HEALTH EDUC.
CHILD HYGIENE DIV.
CHILDREN'S DENTAL CLINICS
BABY KEEP-WELL STATIONS
SANITATION
FOOD & DRUG CONTROL DIV.
MEAT INSPECTION DIV.
INDUSTRIAL HYGIENE DIV.
PLUMBING DIV. NEW PLUMBING
SANITARY DIV. ENVIRONMENTAL SANITATION DOG CONTROL &C
DISEASE CONTROL
OCCUPATIONAL CLINIC DOMESTICS-FOODHANDLERS SPEC. GROUPS
VENEREAL DISEASE DIV. CONTROL & CLINICS
CHEST DISEASE DIV. CONTROL & CLINICS
COMMUNICABLE DISEASE DIV.

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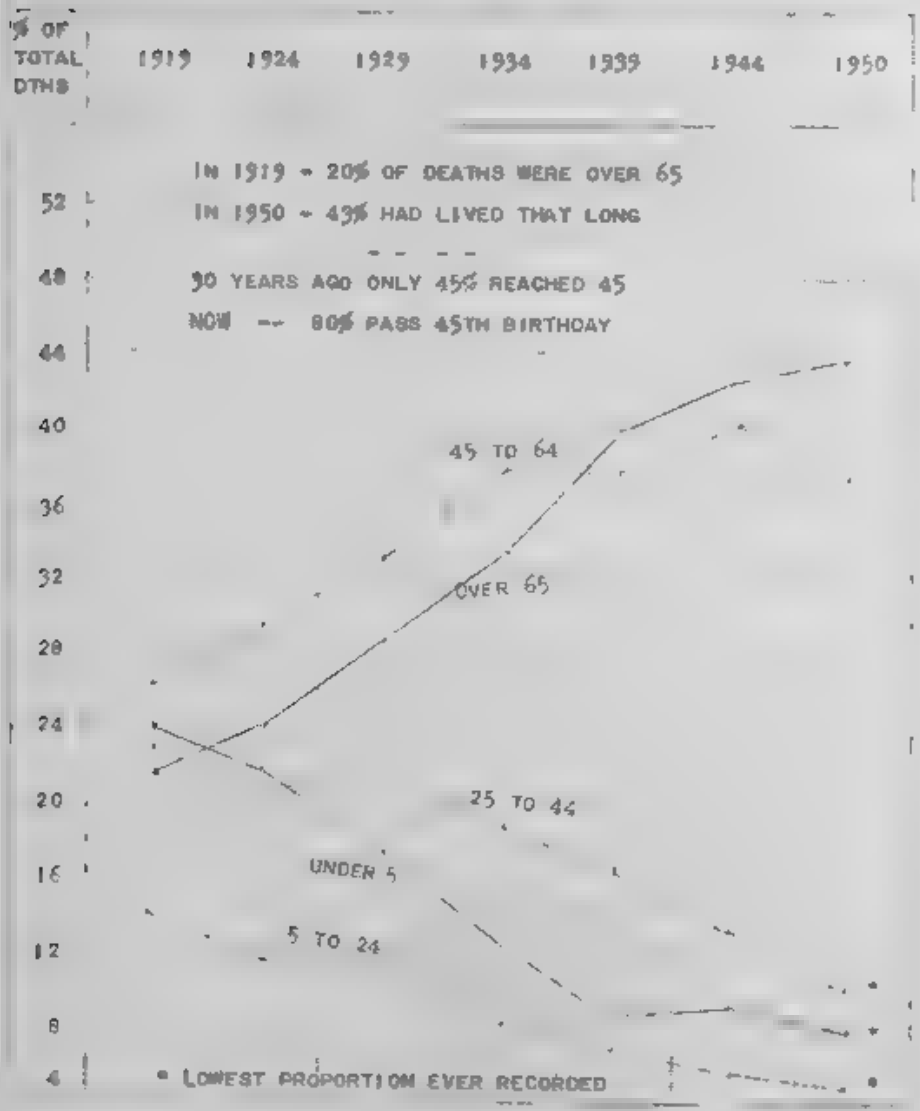
NEWARK - NJ

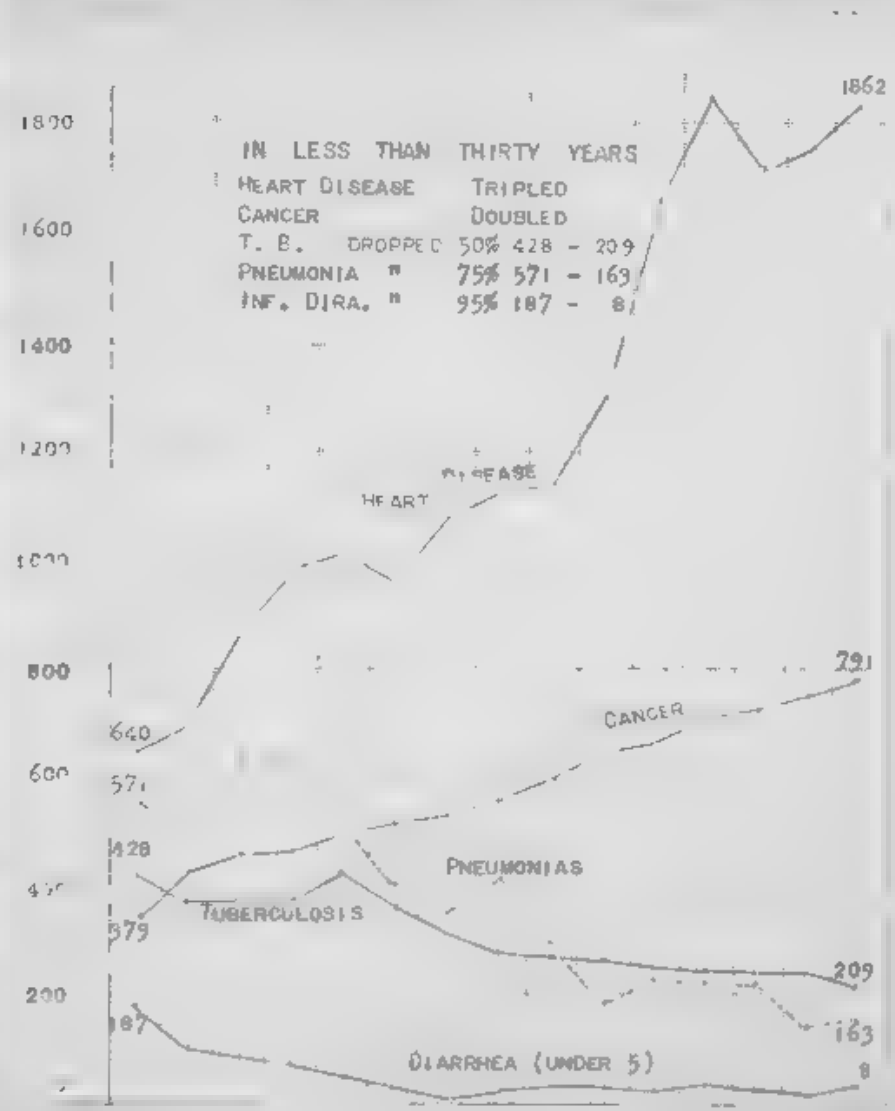
MORTALITY TRENDS BY AGE

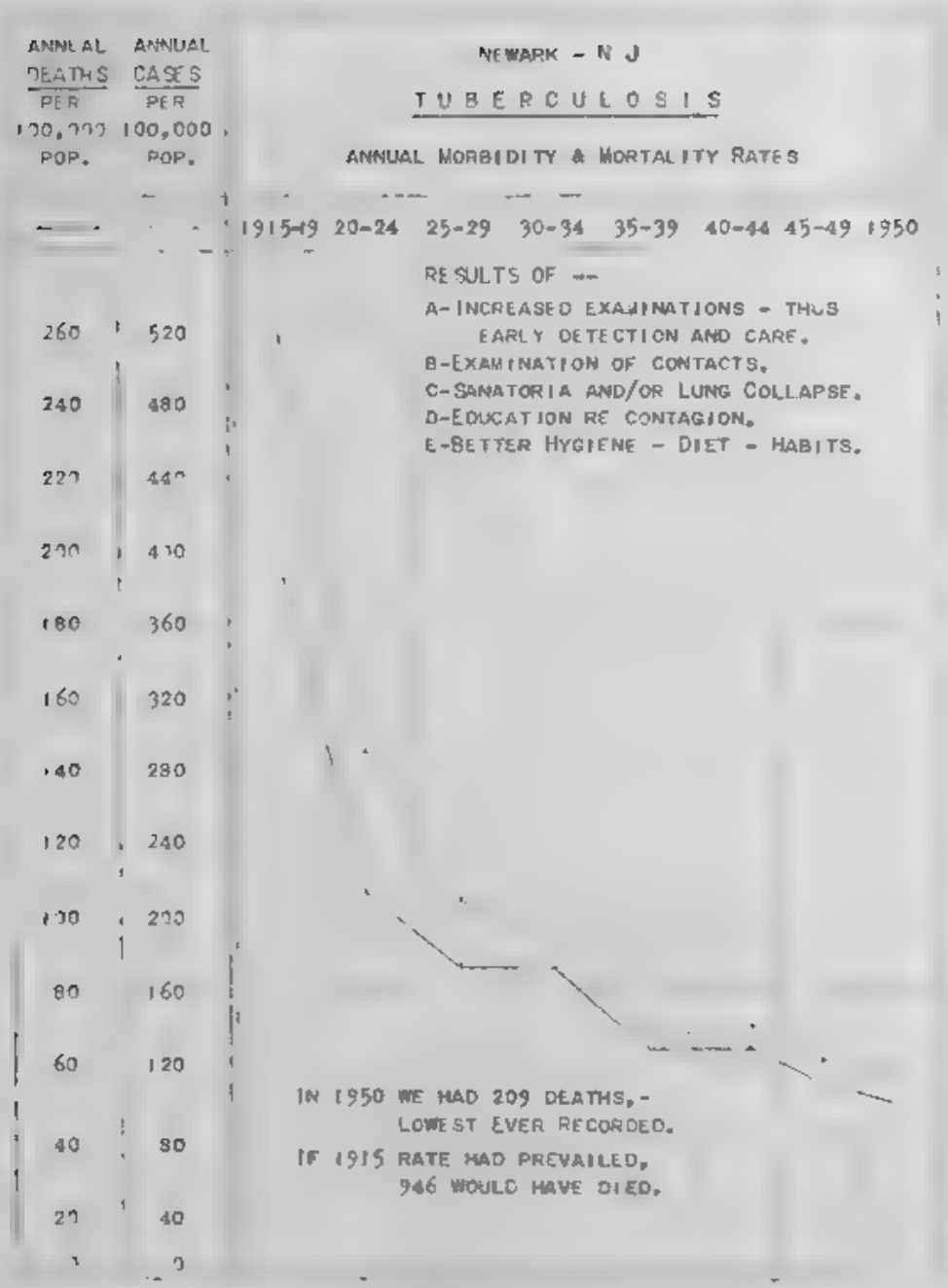
PEOPLE LIVE LONGER

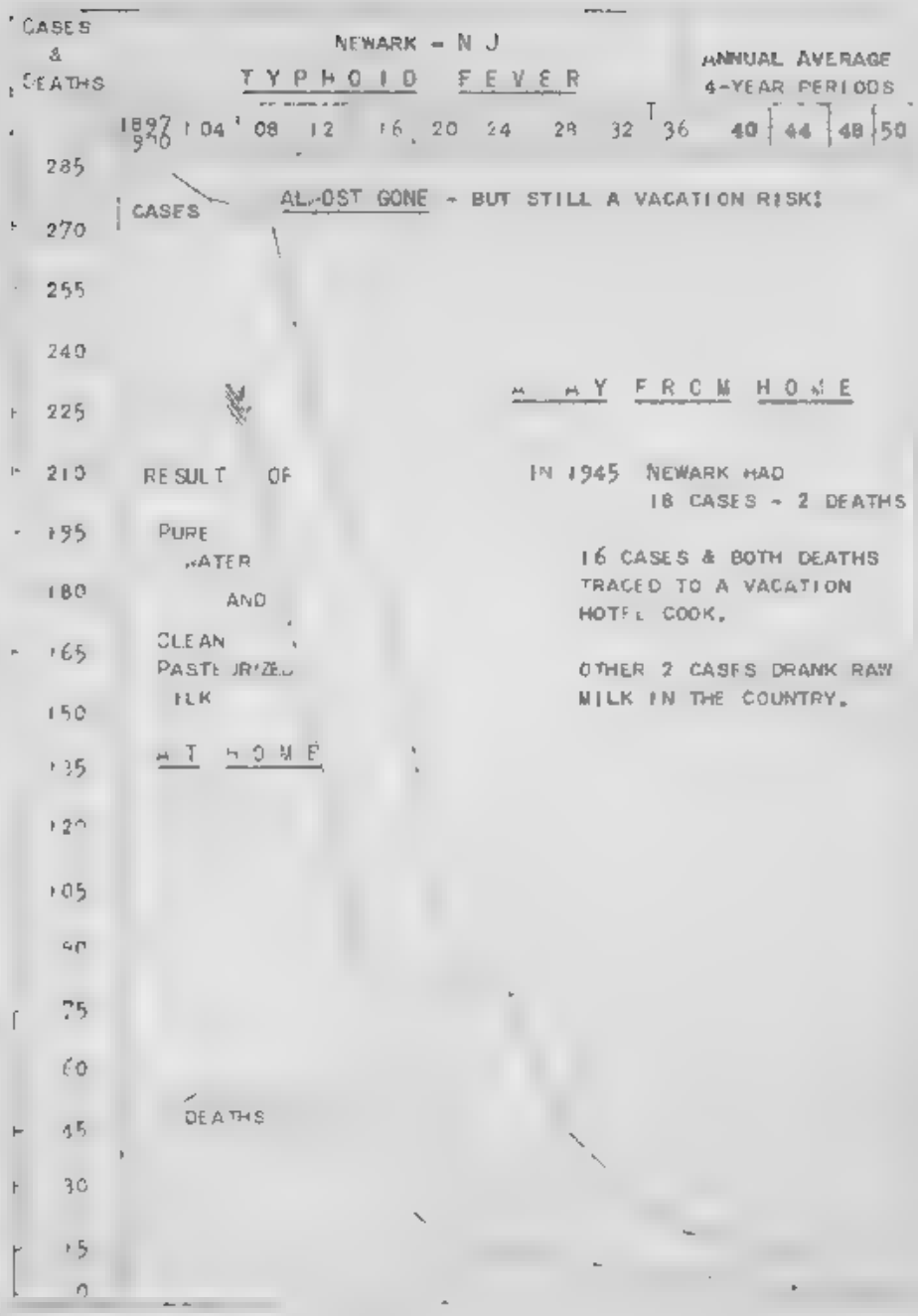


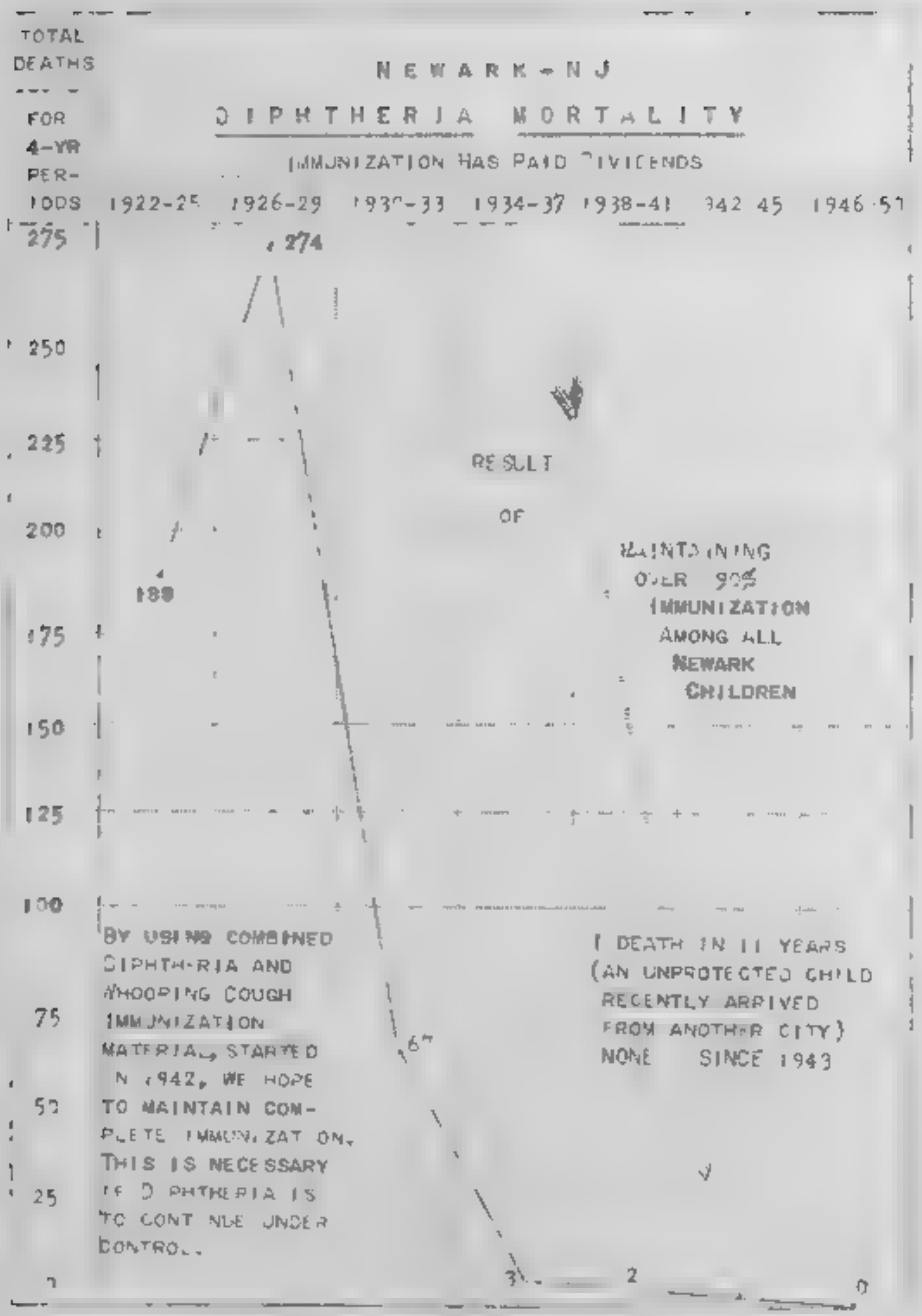
NEWARK - NJ

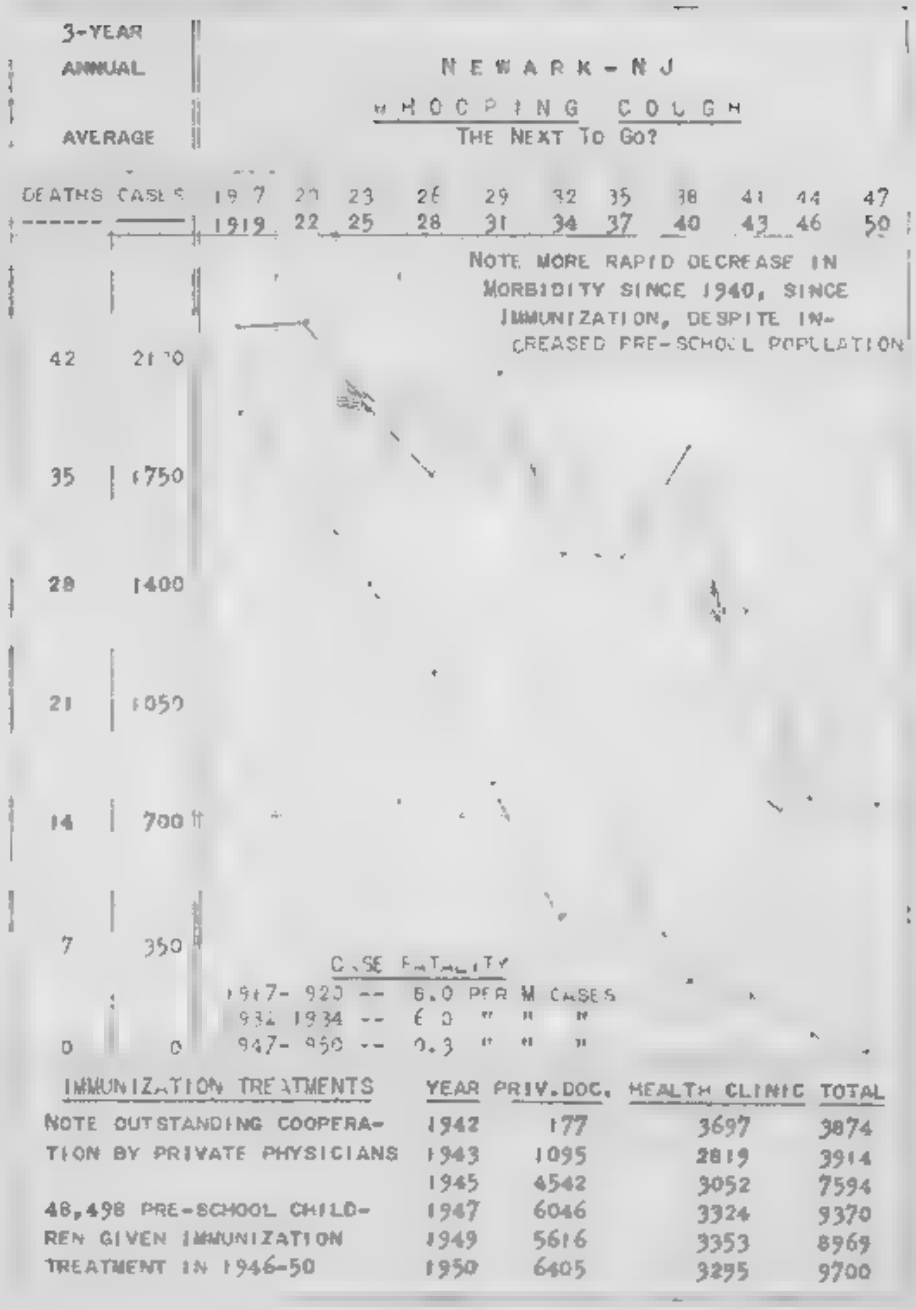
TRENDS IN MAJOR CAUSES OF DEATH



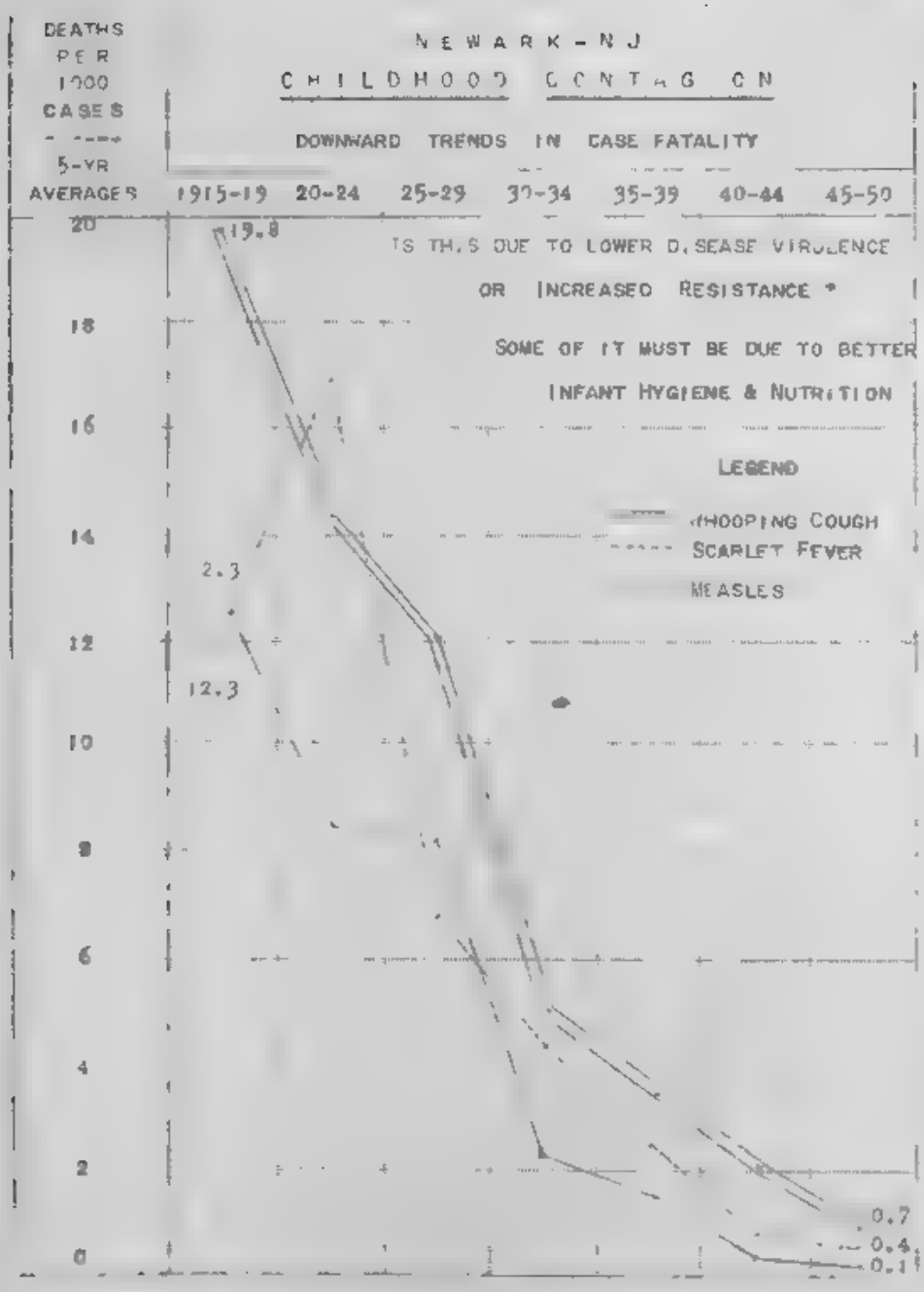

ANNUAL DEATHS PER 100,000 POP.
ANNUAL CASES PER 100,000 POP.
NEWARK - N J
TUBERCULOSIS
ANNUAL MORBIDITY & MORTALITY RATES
1915-19 20-24 25-29 30-34 35-39 40-44 45-49 1950
260 520
240 480
220 440
200 400
180 360
160 320
140 280
120 240
100 200
80 160
60 120
40 80
20 40
RESULTS OF --
A-INCREASED EXAMINATIONS - THUS EARLY DETECTION AND CARE.
B-EXAMINATION OF CONTACTS.
C-SANATORIA AND/OR LUNG COLLAPSE.
D-EDUCATION RE CONTAGION.
E-BETTER HYGIENE - DIET - HABITS.
IN 1950 WE HAD 209 DEATHS,- LOWEST EVER RECORDED.
IF 1915 RATE HAD PREVAILED, 946 WOULD HAVE DIED.

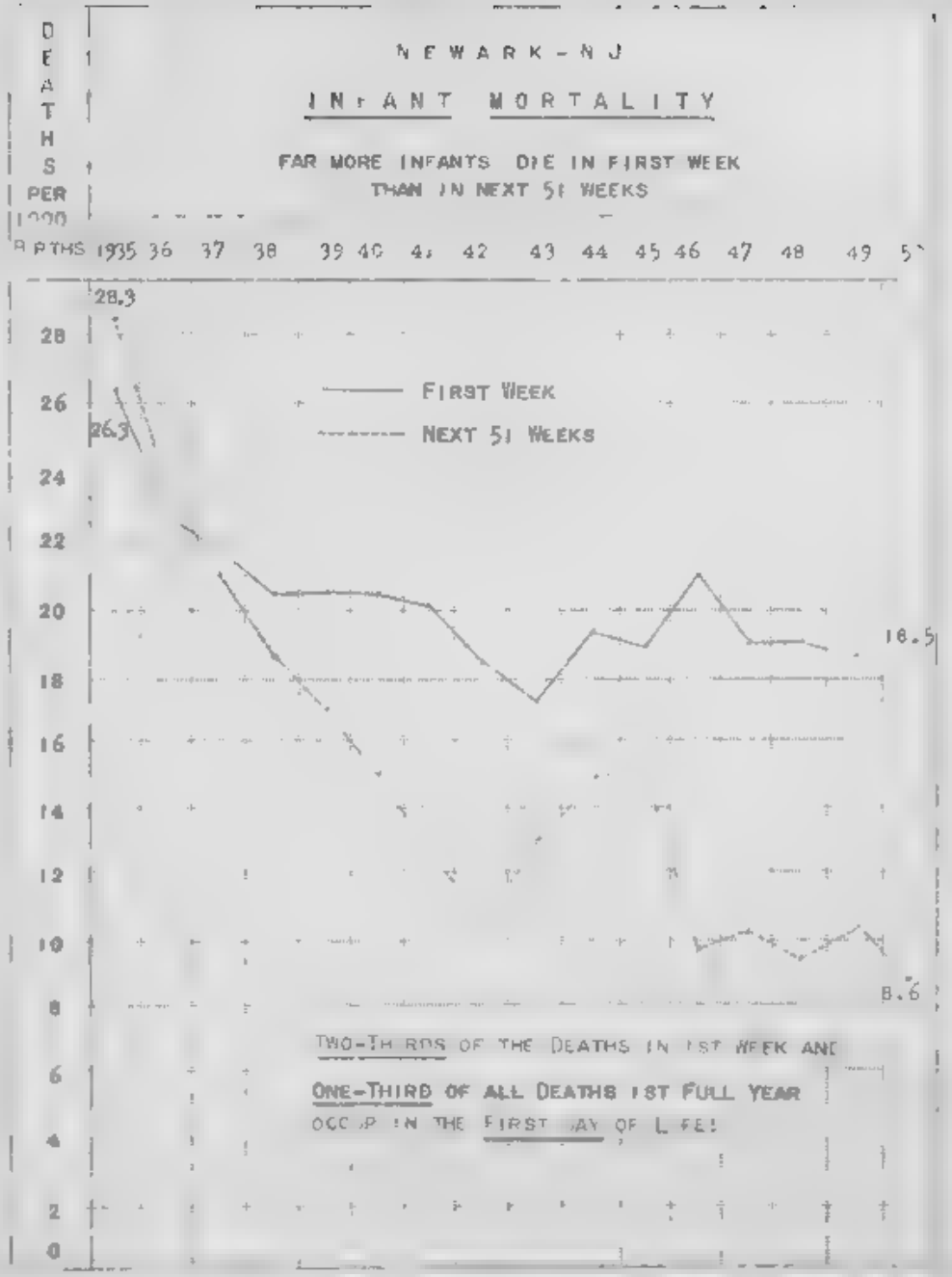

CASES & DEATHS
NEWARK - N J
TYPHOID FEVER
ANNUAL AVERAGE 4-YEAR PERIODS
1897 1900 04 08 12 16 20 24 28 32 36 40 44 48 50
285
270
255
240
225
210
195
180
165
150
135
120
105
90
75
60
45
30
15
0
CASES
ALMOST GONE - BUT STILL A VACATION RISK!
RESULT OF
PURE WATER
AND
CLEAN PASTEURIZED MILK
AT HOME
AWAY FROM HOME
IN 1945 NEWARK HAD 18 CASES - 2 DEATHS
16 CASES & BOTH DEATHS TRACED TO A VACATION HOTEL COOK.
OTHER 2 CASES DRANK RAW MILK IN THE COUNTRY.
DEATHS

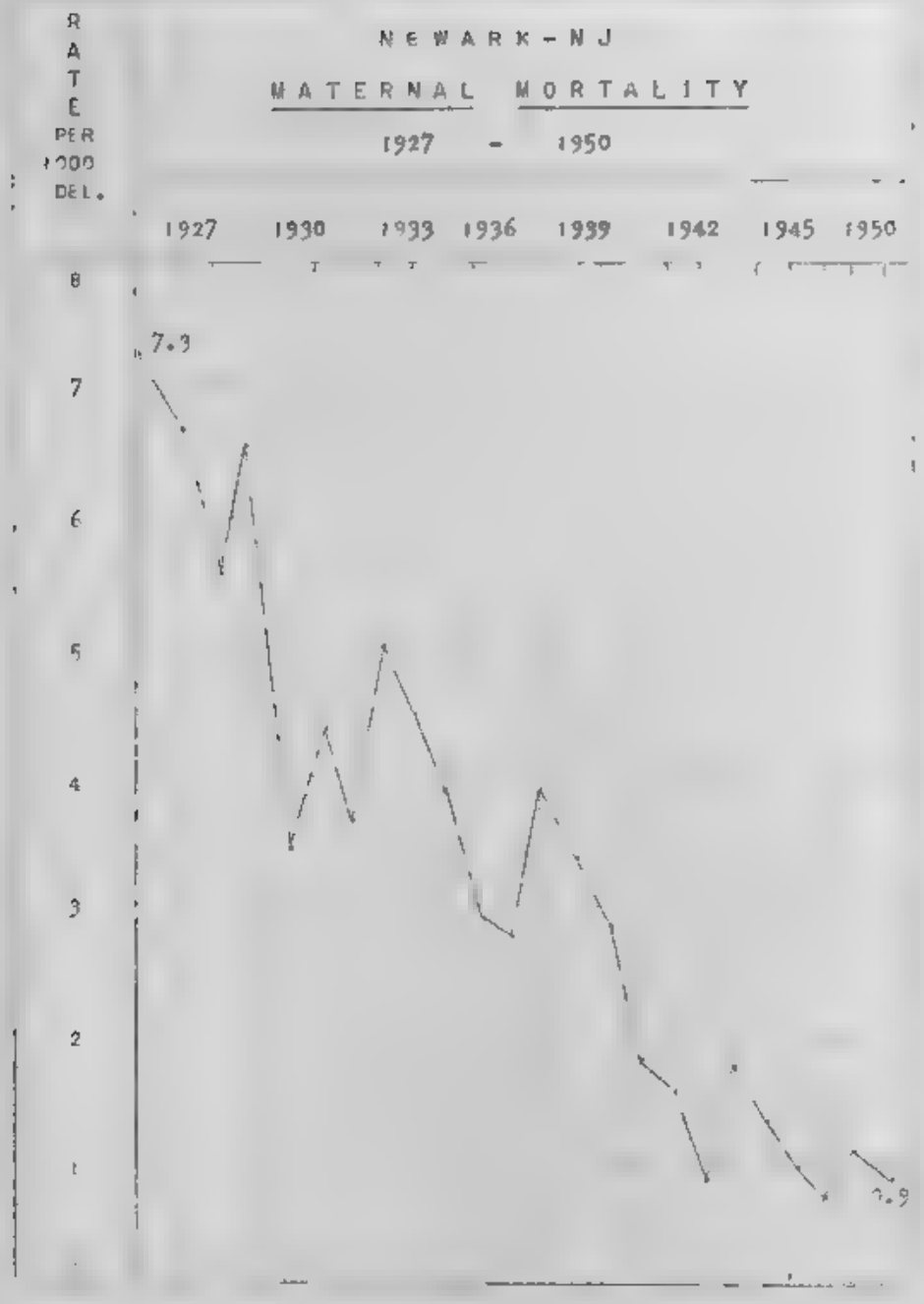


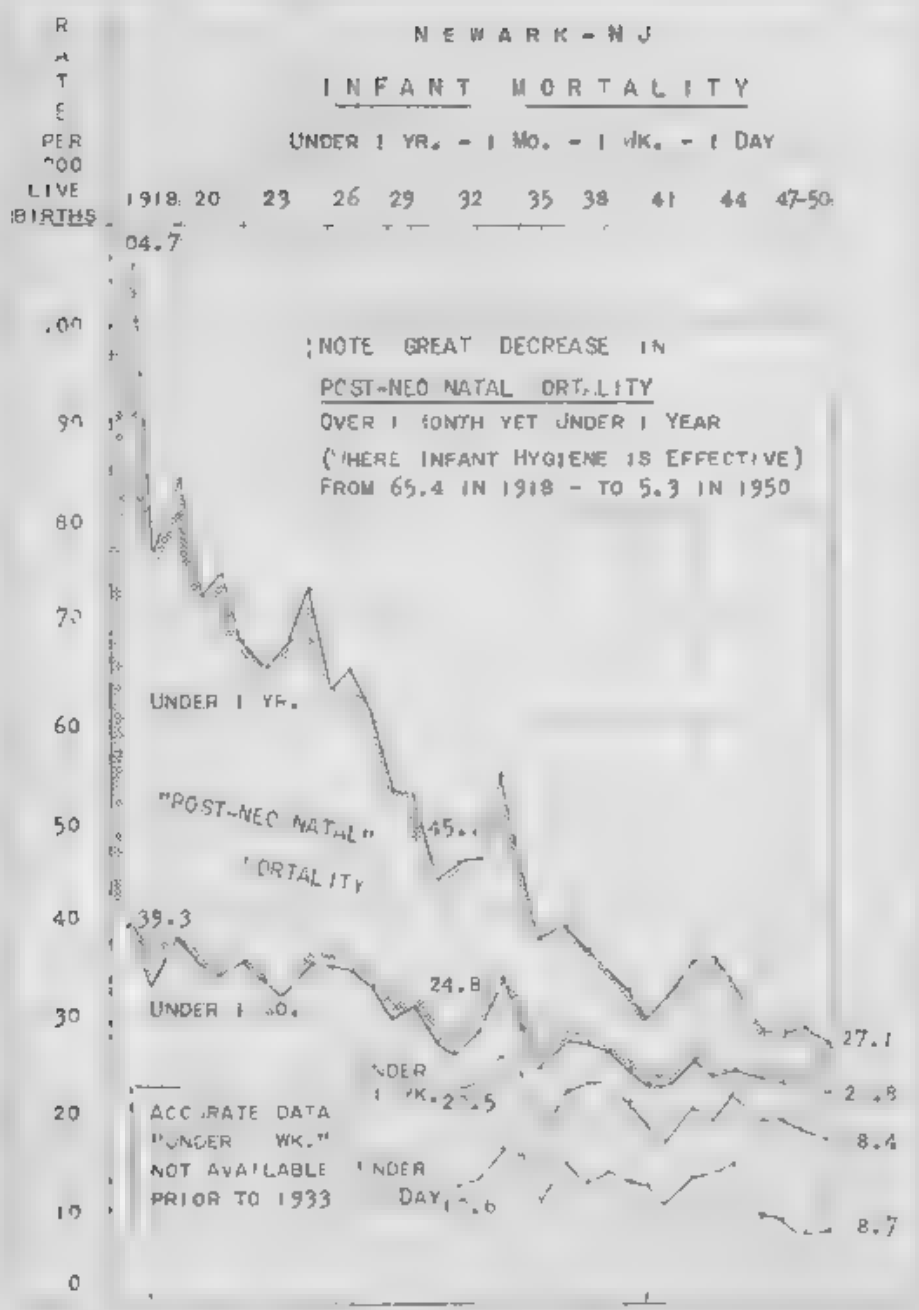


IMMUNIZATION TREATMENTS	YEAR	PRIV. DOC.	HEALTH CLINIC	TOTAL
NOTE OUTSTANDING COOPERA-	1942	177	3697	3874
TION BY PRIVATE PHYSICIANS	1943	1095	2819	3914
	1945	4542	3052	7594
48,498 PRE-SCHOOL CHILD-	1947	6046	3324	9370
REN GIVEN IMMUNIZATION	1949	5616	3353	8969
TREATMENT IN 1946-50	1950	6405	3295	9700


NEWARK-NJ
CHILDHOOD CONTAGION
DOWNWARD TRENDS IN CASE FATALITY
DEATHS PER 1000 CASES
5-YR AVERAGES
1915-19
20-24
25-29
30-34
35-39
40-44
45-50
IS THIS DUE TO LOWER DISEASE VIRULENCE
OR INCREASED RESISTANCE ?
SOME OF IT MUST BE DUE TO BETTER
INFANT HYGIENE & NUTRITION
LEGEND
WHOOPING COUGH
SCARLET FEVER
MEASLES
19.8
2.3
12.3
0.7
0.4
0.1


NEWARK-NJ
INFANT MORTALITY
FAR MORE INFANTS DIE IN FIRST WEEK
THAN IN NEXT 51 WEEKS
DEATHS PER 1000 BIRTHS
1935
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
FIRST WEEK
NEXT 51 WEEKS
28.3
26.3
18.5
8.6
TWO-THIRDS OF THE DEATHS IN 1ST WEEK AND
ONE-THIRD OF ALL DEATHS 1ST FULL YEAR
OCCUR IN THE FIRST DAY OF LIFE!


NEWARK-NJ
MATERNAL MORTALITY
1927 - 1950
RATE PER 1000 DEL.
1927 1930 1933 1936 1939 1942 1945 1950
8
7
6
5
4
3
2
1
7.3


NEWARK-NJ
INFANT MORTALITY
UNDER 1 YR. - 1 MO. - 1 WK. - 1 DAY
RATE PER 1000 LIVE BIRTHS
1918 20 23 26 29 32 35 38 41 44 47-50
100
90
80
70
60
50
40
30
20
10
0
NOTE GREAT DECREASE IN
POST-NEO NATAL MORTALITY
OVER 1 MONTH YET UNDER 1 YEAR
(WHERE INFANT HYGIENE IS EFFECTIVE)
FROM 65.4 IN 1918 - TO 5.3 IN 1950
UNDER 1 YR.
"POST-NEO NATAL"
MORTALITY
39.3
24.8
27.1
8.4
8.7
ACCURATE DATA
"UNDER WK."
NOT AVAILABLE
PRIOR TO 1933

HEALTH REPORT 1950

NEWARK

CHARLES V. CRASTER, M.D., D.P.H., -- HEALTH OFFICER

TO HONORABLE STEPHEN J. MORAN, DIRECTOR OF PUBLIC AFFAIRS

AND TO THE CITIZENS OF NEWARK, N. J.

NEWARK'S HEALTH -- 1950

DURING THE PAST YEAR SICKNESS AND DEATH RATES IN NEWARK CONTINUED TO BE EXCELLENT AND THOSE RATES CONSIDERED TO BE THE MOST SIGNIFICANT IN DETERMINING PUBLIC HEALTH AGAIN SET "LOWEST EVER" RECORDS, NAMELY INFANT AND TUBERCULOSIS MORTALITY. SUCH RECORDS ARE NOT MERE COINCIDENT. ONLY BY CONTINUED, ENERGETIC, AND INTELLIGENT EXPENDITURE OF EFFORT COULD THEY BE ACHIEVED.

THERE WERE 5,126 DEATHS FROM ALL CAUSES IN 1950 INCLUDING 927 NON-RESIDENTS WHO DIED IN NEWARK HOSPITALS. THIS GAVE US A CRUDE MORTALITY RATE OF 11.5 PER 1000 POPULATION, OR THE SAME AS IN 1949 AND SLIGHTLY LESS THAN THE NORMAL RATE FOR THE PAST TEN YEARS.

BIRTHS NUMBERED 13,174 DURING THE YEAR OR A RATE OF 29.7 PER 1000 POPULATION. THIS IS A CONTINUATION OF THE SLOW DECLINE EACH YEAR SINCE THE HIGH PEAK OF 1947. THIS RATE HAD RAPIDLY INCREASED FROM THE LOWEST RATE EVER RECORDED WHICH WAS 15.8 IN 1936 UNTIL IT REACHED THE HIGH PEAK OF 14,710 OR A BIRTH RATE OF 33.1 IN 1947.

ITEMS OF SPECIAL INTEREST

INFANT MORTALITY LOWEST ON RECORD

INFANT MORTALITY ONCE AGAIN SET A NEW LOW RECORD. THERE WERE 357 DEATHS UNDER ONE YEAR OF AGE WHICH GAVE A RATE OF 27.1 PER THOUSAND LIVING BIRTHS. THE LOWEST EVER RECORDED HERETOFORE WAS 1948 WITH A RECORD OF 28.3.

INFANT HYGIENE WAS STARTED AS A PUBLIC HEALTH PROJECT IN OUR DEPARTMENT 38 YEARS AGO. AT THAT TIME, THE RATE AVERAGED 96 DEATHS UNDER ONE YEAR PER 1,000 BIRTHS. OUR GOAL WAS TO REDUCE THAT RATE 50%. THAT GOAL WAS REACHED IN 1932 WHEN IT FELL BELOW 50. IN 1937 IT FELL BELOW 40 AND IN 1942 IT FELL BELOW 30. HAD THE RATE OF 38 YEARS AGO PREVAILED, 1,267 BABIES UNDER ONE YEAR OF AGE WOULD HAVE DIED LAST YEAR INSTEAD OF 357, A SAVING OF 910 BABIES' LIVES IN ONE YEAR. AN EVEN FAIRER WAY OF APPRAISING REDUCTION IN INFANT MORTALITY IS THE RATE WE CALL POST-NEONATAL MORTALITY OR THE DEATHS AMONG INFANTS WHO SURVIVE THE FIRST MONTH BUT DIED BETWEEN ONE MONTH AND ONE YEAR OF AGE. VERY LITTLE CAN BE DONE TO PREVENT MOST INFANT DEATHS WHICH OCCUR IN THE FIRST MONTH AS MOST OF THEM ARE DUE TO CONGENITAL CONDITIONS OR ACCIDENTS AT BIRTH. THIRTY YEARS AGO THAT RATE WAS 46 PER 1000; THIS YEAR A NEW LOW WAS ESTABLISHED OF 5.2 OR A REDUCTION OF ALMOST 90%. CYNICS SOME YEARS AGO CLAIMED THAT REDUCING INFANT MORTALITY UNDER ONE YEAR OF AGE WAS MERELY PROLONGING THE LIVES OF SICKLY BABIES WHO WOULD DIE IN THE NEXT FEW YEARS ANYWAY. THAT THIS IS NOT SO IS PROVEN BY THE FACT THAT EVERY AGE GROUP FROM ONE YEAR OF AGE TO FORTY-FIVE YEARS OF AGE HAS STEADILY AND CONSIDERABLY DROPPED. FOR EXAMPLE, ALL DEATHS UNDER FIVE YEARS IN 1950 WAS 403, THE LOWEST EVER RECORDED. DEATHS FROM FIVE TO FIFTEEN NUMBERED 29, THE LOWEST EVER, AND THE TOTAL DEATHS UNDER TWENTY-FIVE NUMBERED 512, ALSO THE LOWEST EVER.

TUBERCULOSIS MORTALITY LOWEST EVER

THE 299 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 47.2 PER 100,000, THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY.

THIS RATE IN PARTICULAR IS ENCOURAGING INASMUCH AS TUBERCULOSIS IS A CONTAGIOUS DISEASE. FORTUNATELY IT USUALLY REQUIRES FREQUENT OR MASS EXPOSURE TO SPREAD THE DISEASE. THERE CAN BE NO QUESTION, HOWEVER, THAT IN SLUM DWELLINGS, WHICH ARE STILL

WITH US, HERE MANY ADULTS AND CHILDREN LIVE IN OVERCROWDED QUARTERS, WITH INSUFFICIENT OR DEFECTIVE SANITATION FACILITIES, GAS EXPOSURES ALMOST CERTAIN TO OCCUR. DURING THE PAST YEAR OUR ENVIRONMENTAL SANITATION DIVISION STARTED A CONCENTRATED DRIVE IN THE WORST CONGESTED AREAS. ALTHOUGH THE FINAL SOLUTION TO OUR HOUSING PROBLEMS IS THE ELIMINATION OF THESE DWELLINGS AND THE CONSTRUCTION OF PROPER HOUSING, THERE UNDOUBTEDLY WAS BROUGHT ABOUT CONSIDERABLE IMPROVEMENT IN MANY OF THESE BELOW-PAR TENEMENTS.

CARE OF SICK POOR — IN ADDITION TO THE MANY TYPES OF WORK WHICH CONTRIBUTE TO BETTER MORTALITY RATES, THERE ARE MANY FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DEPARTMENT BUT NOT REALIZED BY THE AVERAGE PUBLIC. FOR EXAMPLE, A MAJOR PORTION OF OUR ENTIRE BUDGET (25%), IS USED FOR THE MEDICAL CARE OF THE SICK POOR. THIS INCLUDES ALL OF THAT WORK OTHER THAN CARE OF PATIENTS ACTUALLY IN HOSPITALS. IT PROVIDED MORE THAN 5,000 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY THE FAMILY HAD THEIR CHOICE OF PHYSICIANS, AND APPROXIMATELY 8000 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION WERE PAID FOR. WE CONDUCT A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION, WITH MORE THAN 60,000 TREATMENTS AND 43,000 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THIS CITY INCLUDING BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN. THESE DENTAL CLINICS ARE LOCATED IN VARIOUS NEIGHBORHOODS OF THE CITY.

INFANT MENTAL HYGIENE — OUR CHILD HYGIENE NURSES MADE MORE THAN [illegible] HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHER HAS THE SERVICES OF A PEDIATRICIAN OR VISITS A BABY-STATION, IF THEY CANNOT AFFORD TO PAY A DOCTOR, BUT ALSO TO INSTRUCT AS TO DIET, SANITARY FEEDING PRACTICES, IMMUNIZATION, AND MANY OTHER PHYSICAL MATTERS. THEY EVEN INSTRUCT THE MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE UNUSUAL BEHAVIOR PROBLEMS, WHICH IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY WOULD OFTEN RESULT IN WARPED ADULT PERSONALITIES. ALL THOSE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD.

FOOD HANDLER LECTURES — TO PREVENT FOOD INFECTIONS WE NOT ONLY INSPECT FOOD PLACES AND EXAMINE FOOD HANDLERS, BUT OUR DEPARTMENT PROVIDES LECTURE COURSES FOR FOOD HANDLERS WHICH WERE ATTENDED BY MORE THAN 1000 THIS YEAR.

GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,126 OR A CRUDE RATE OF 11.5 PER 1000 ON AN ESTIMATED POPULATION OF 443,000. THIS WAS THE SAME AS 1949 AND SLIGHTLY BELOW THE TEN YEAR NORMAL OF 11.6. AS NEWARK HAS ALWAYS BEEN A HOSPITAL CENTER FOR MANY NEARBY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK FAR EXCEED THE DEATHS OF NEWARKERS DYING OUT OF TOWN. SUBTRACTING THE 927 NON-RESIDENT DEATHS, BUT INCLUDING 92 KNOWN DEATHS (MOSTLY TUBERCULOSIS) OF NEWARKERS, IN OUTSIDE INSTITUTIONS, WE HAVE A TOTAL OF 4,292 DEATHS AND AN ADJUSTED MORTALITY RATE OF 9.6, ONE POINT HIGHER THAN 1949 WHEN 9.5 WAS THE LOWEST ON RECORD.

CRUDE AND ADJUSTED DEATH RATES

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATHS RATE	ADJUSTED DEATHS	ADJUSTED DEATH RATE
1940	429,000	5,025	11.7	4,762	11.1
1941	429,000	4,983	11.6	4,415	10.3
1942	429,000	5,090	11.9	4,659	10.8
1943	440,000	5,523	12.6	5,043	11.5
1944	440,000	5,052	11.6	4,535	10.3
1945	443,000	5,141	11.6	4,586	10.4
1946	443,000	4,937	11.1	4,395	9.9
1947	445,000	5,097	11.2	4,411	9.9
1948	445,000	5,222	11.7	4,392	9.8
1949	443,000	5,086	11.5	4,229	9.5
1950	443,000	5,126	11.5	4,292	9.6

PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF OUR 5,126 NEWARK DEATHS, INCLUDING ALL NON-RESIDENTS AND 92 TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANATORIA, WERE AS FOLLOWS:

	1948	1949	1950
ORGANIC HEART DISEASE	1804	1728	1862
CANCER	780	795	791
APOPLEXY	485	478	428
CONGENITAL CONDITIONS	317	301	293
BRIGHT'S DISEASE	276	249	246
PNEUMONIA & RESPIRATORY DIS.	235	243	262
TUBERCULOSIS	232	211	209

TUBERCULOSIS (LOWEST EVER) THE 209 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 47.[illegible] PER 100,000, THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY. THIS RATE, WHEN TUBERCULOSIS WORK WAS STARTED, SOME 40 YEARS AGO, AVERAGED 200. HAD THAT RATE PREVAILED IN 1950, WE WOULD HAVE HAD 900 DEATHS INSTEAD OF 209. THE PRESENT DROP IS PARTICULARLY ENCOURAGING. FOR OVER 25 YEARS, UP TO 1944, THE DROP HAD BEEN STEADY FROM YEAR TO YEAR, BUT FOR THREE YEARS, IT REMAINED STATIONARY BETWEEN 55 AND 59. INCREASED EFFORT IS AGAIN STARTING IT ON THE WAY DOWN.

HEART DISEASE THE MAJOR CAUSE OF MORTALITY WAS AGAIN ORGANIC HEART DISEASE WITH [illegible],862 DEATHS OR MORE THAN ONE-TH[illegible] OF ALL DEATHS. THIS WAS AN INCREASE OF 134 OVER THE PREVIOUS YEAR. THE CONSTANT REDUCTION IN DEATHS FROM MORE PREVENTABLE CAUSES HAS NATURALLY CAUSED A GREAT INCREASE IN THE OLDER AGE BRACKETS SO THAT IT IS NATURAL FOR DEGENERATIVE DISEASES INCLUDING HEART DISEASE TO INCREASE. THAT CAUSE STEADILY INCREASED FROM 500 DEATHS PER YEAR TO 1200 IN THE TWENTY YEARS FROM 1920 TO 1940. THAT STRESS AND STRAIN OF [illegible] PLAYS A PART AS WELL AS OLDER AGE WAS SHOWN WHEN THAT CAUSE INCREASED MORE THAN 50% FROM 1200 TO THE HIGHEST EVER RECORDED OF [illegible]75 SUCH DEATHS IN 1943. [illegible] MANY HEART DISEASE CASES DIED THAT YEAR WHO WOULD USUALLY HAVE LIVED SEVERAL YEARS MORE. AS A RESULT OF THAT, HEART DEATHS DECREASED SLIGHTLY FOR SEVERAL YEARS. UNDOUBTEDLY PRESENT WORLD CONDITIONS CONTRIBUTED TO THE 1950 INCREASE. AT THIS POINT IT MIGHT BE OF INTEREST TO POINT OUT THAT SUICIDES INCREASED FROM 46 TO 59, THE HIGHEST SINCE 1942 WHICH WAS EARLY IN THE SECOND WORLD WAR.

PNEUMONIA MORTALITY ANOTHER CAUSE SHOWING AN INCREASE THIS YEAR WAS PNEUMONIA WITH 163 DEATHS AMONG 1016 REPORTED CASES. THERE WERE 151 DEATHS LAST YEAR. FORMERLY 20% OF PNEUMONIA CASES DIED, BUT SULPHA DRUGS, SERA, AND PENICILLIN, CUT THAT RATE ALMOST IN HALF. FOR THE PAST TWO YEARS, IT HAS BEEN ABOUT [illegible].3%. IT IS INTERESTING TO NOTE THAT 69 OF THE 163 PNEUMONIA DEATHS WERE OVER 65 YEARS OF AGE.

DIPHTHERIA THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN THE PAST SEVEN YEARS AND NO CASE IN THE PAST TWO YEARS. IN FACT, THERE HAS BEEN ONLY 19 CASES AND 1 DEATH IN ELEVEN FULL YEARS. THAT ONE DEATH WAS AN UNIMMUNIZED CHILD WHO HAD RECENTLY COME TO NEWARK. DIPHTHERIA ONLY TWENTY YEARS AGO CAUSED MORE THAN 1,[illegible] CASES, AND 100 DEATHS EACH YEAR. THIS IS NOT MERELY GOOD LUCK NOR A CHANGE IN THE SEVERITY OF THE DIPHTHERIA GERMS. OUR CHILD HYGIENE NURSES URGE IMMUNIZATION CONSTANTLY AND OUR CONTAGIOUS DISEASE INSPECTORS MADE 17,000 VISITS DURING THE YEAR TO SECURE THIS PROTECTION AMONG CHILDREN WHERE THE PARENTS HAD BEEN DELINQUENT IN COMPLETING THE TREATMENTS.

TYPHOID FEVER A FORMER MAJOR CAUSE OF ILLNESS AND DEATH, BEFORE PURE WATER AND PASTEURIZED MILK, WAS TYPHOID FEVER, AND IT IS INTERESTING TO REPORT THERE HAS BEEN NO TYPHOID DEATH IN NEWARK FOR FIVE YEARS AND ONLY 78 CASES DURING THAT TIME, ALL OF THEM TRACED TO INFECTION IN OTHER PARTS OF THE COUNTRY.

LONGER LIFE - AGE AT DEATH THAT WE ARE LIVING LONGER IS CLEARLY INDICATED BY A STUDY OF AGE AT TIME OF DEATH. IN 1950, THERE WERE 4,182 OUT OF 5,126 DEATHS (INCLUDING A NUMBER OF NEWARKERS DYING OUT OF TOWN) OR 80% OVER 45 YEARS OF AGE. TWENTY YEARS AGO, ONLY 45% HAD REACHED THAT AGE. THAT YEAR 43% OF ALL DEATHS HAD ACTUALLY PASSED THE AGE OF 65 COMPARED WITH LESS THAN 20% THIRTY YEARS AGO.

MATERNAL MORTALITY — DEATH OF MOTHERS AT TIME OF DELIVERY NUMBERED ONLY 10 OUT OF ALMOST 14,000 DELIVERIES. THIS EQUALS THE PREVIOUS LOWEST RATE OF LESS THAN ONE DEATH PER 1000 DELIVERIES ESTABLISHED IN 1948. NOT ONE OF THESE 10 DEATHS WERE DUE TO SEPTICAEMIA OR INFECTION AT BIRTH. MATERNAL MORTALITY HAS DECREASED 60% IN THE PAST TEN YEARS.

MATERNAL DEATHS BY CAUSES	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL DEATHS	29	26	22	18	9	18	16	2	0	15	12
PUERPERAL SEPTICAEMIA	8	5	2	4	-	4	2	1	-		-
ECTOPIC PREGNANCY	2	2	2	-	2	3	1	-	-	-	2
CAESARIAN SECTION	8	1	3	3	-	-	3		-	-	-
SELF-INDUCED ABORTION	-		-	-	-	-	-	-	-		-
SPONTANEOUS ABORTION	-	2	2	-	-	-	-	-	-	1	-
ECLAMPSIA	2	5	1	2	1	2	1	1	-	2	4
OTHER ACCIDENTS OF PREGNANCY	-		-	4	-	2	3		5		2
PLACENTA PRAEVIA	2	2		-	1	2	-	-	-		-
POST PARTUM HEMORRHAGE	4	2	4	2	-	5	2	4	4	3	1
ACCIDENTAL ABORTIONS	4	-	-	-		-	-	-	-	-	-
SHOCK FORCEP DELIV. BREACH PRES.	3		-		-	-		-	-	-	-
TOXEMIA OF PREGNANCY	2	3	-	-	-	-	1	-	-	2	1
CRIMINAL ABORTION (PUERPERA)	-	2	2	1		-	-	-	-		
CARDIAC CON. PREGNANCY	-	-	4	-	3	-		-	-	1	
LOBAR PNEUMONIA	-	-	1	-		-	-	-	-	-	-
PULMONARY EMBOLISM	-	-	1		-	-	1			2	-
AC. PERITONITIS FOLL. PARTURITION	-	-	-		-	-	-		-	-	-
SPIN. ANAES., NORMAL REMOVAL OF PLAC	-	-	-	-	-	-	-		-	-	-
HEM. SHOCK. RUPT. UTERUS, NORMAL DEL.	-	-	-	-	-	-	-	1	1	-	-
MATERNAL MORTALITY PER 1000 DELIV.	3.3	2.6	1.8	1.5	0.8	1.5	.2	0.8	0.7	.1	0.9

ACCIDENT DEATHS — WE REGRET TO REPORT THAT THERE WERE 94 ACCIDENTAL DEATHS IN 1950, AN INCREASE OF 20 OVER 1949. ACCIDENTAL DEATHS HAVE BEEN STEADILY REDUCED IN THE PAST TEN YEARS. IN SPITE OF THE SLIGHT INCREASE THIS YEAR, OUR 1950 NUMBER IS THE SECOND LOWEST SINCE THE "HORSE AND BUGGY DAYS". TRAFFIC AND FALLS CAUSE THE BULK OF ACCIDENTAL DEATHS.

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL	194	174	212	200	234	271	270	304	271	235	258
AUTO & MOTORCYCLE	40	33	40	36	66	57	77	90	76	69	73
ACCIDENTAL FALLS	84	76	78	79	90	107	92	87	99	100	83
ACCIDENTAL BURNS	10	2	11	7	12	13	14	19	13	16	9
ASPHYX. - BED CLOTHES	4	13	12	12	8	9	3	6	9	6	6
ALCOHOLISM	-	1	2	-	2	5	9	8	5	4	7
POISON-CARBON MONOXIDE	3	9	1	1	3	3	-	-	-	4	4
CRUSHING	1	6	7	3	6	8	2	2	7	7	6
CONFLAGRATION	9	9	10	18	8	11	9	9	4	3	13
DROWNING	9	5	18	7	5	4	5	13	11	3	10
ELECTROCUTION	3	1	-	-	3	1	2	1	1	1	2
ELEVATOR	-	-	-	-	-	1	1	-	-	1	1
HEAT EXHAUSTION	-	4	8	1	1	1	7	4	1	3	2
ILLUMINATING GAS	13	12	14	17	13	23	26	23	16	6	13
RAILROAD	5	-	2	5	2	5	5	6	12	2	7
TROLLEY	-	-	-	-	-	1	-	3	-	-	-
US PLANE CRASH	-	-	-	2	-	-	-	-	-	-	-
MISCELLANEOUS	13	8	9	12	15	22	18	33	17	10	22

BIRTH STATISTICS

BIRTH RATE - 29.7 THERE WERE 3,174 BIRTHS IN NEWARK IN 1950, OR A RATE OF 29.7 PER 1000 POPULATION. THIS RATE APPARENTLY REACHED ITS PEAK IN 1947. AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 15.8 IN 1936, IT RAPIDLY AND STEADILY INCREASED TO THE RECORD HIGH OF 4,710 BIRTHS AND A RATE OF 33.1 IN 1947. THE FOLLOWING TABLE SHOWS THE TREND IN BIRTH RATE AND IT IS PARTICULARLY INTERESTING TO NOTE THAT 98% OF BABIES ARE NOW DELIVERED IN HOSPITALS, 1% BY PHYSICIANS AT HOME AND LESS THAN 1/2% DELIVERED BY MIDWIVES.

1950 BIRTHS DATA						
	TOTAL BIRTHS	3,174	WHITE	10,808	STILLBIRTHS	264
	MALES . . .	6,779	COLORED	2,344	ILLEGITIMATE	468
	FEMALES . .	6,395	YELLOW	22		

YEAR	TOTAL BIRTHS	BIRTH RATE	PHYSICIAN DEL. AT HOME	HOSPITAL DELIV.	MIDWIFE DEL. HOME
1950	13,174	29.7	221	12,959	31
1949	13,409	30.3	192	13,174	43
1948	13,703	30.8	223	13,434	46
1947	14,710	33.1	211	14,419	80
1946	13,427	30.3	225	13,094	108
1945	11,254	25.4	273	10,867	114
1944	10,792	24.5	330	10,306	156
1943	11,856	26.9	432	11,230	194
1942	12,016	28.0	376	11,479	161
1941	9,765	22.8	325	9,282	158
1940	8,538	19.9	401	7,952	185
1939	7,950	17.3	401	7,315	234
1938	7,936	17.3	546	7,106	283
1937	7,659	16.7	603	6,682	374
1936	7,236	15.8	778	6,025	433
1935	7,638	16.8	1,047	6,076	515

NEGRO HEALTH STATISTICS

THE ESTIMATED NEGRO POPULATION OF NEWARK IS 50,000 OR APPROXIMATELY 1 % OF THE TOTAL. ALTHOUGH THE VARIOUS MORTALITY RATES IN THIS GROUP ARE RATHER HIGH, THE NATURAL RESULT OF ECONOMIC, EDUCATIONAL AND HOUSING HANDICAPS, A STUDY OF THE VARIOUS RATES FOR THE PAST 15 YEARS IS RATHER ENCOURAGING. THE TUBERCULOSIS RATE, FOR EXAMPLE, HAS DECREASED FROM 388 FOURTEEN YEARS AGO, TO 194 IN 1950, A REDUCTION OF MORE THAN 52%, AND INFANT MORTALITY IN THOSE FEW YEARS HAS FALLEN FROM 89.5 TO 49.9 PER 1000 LIVING BIRTHS, OR A REDUCTION OF APPROXIMATELY 44% AND THE LOWEST ON RECORD. IT IS ENCOURAGING TO NOTE THAT ONLY 3 PUERPERAL SEPTICAEMIA DEATHS HAVE OCCURRED IN THE PAST NINE YEARS AMONG 15,487 BIRTHS AND MATERNAL MORTALITY HAS DROPPED FROM 9.1 TO AN AVERAGE OF 2.0 PER 1000 DELIVERIES. DEATHS FROM ALL CAUSES THIS YEAR NUMBERED 845 OR 16.9 PER 1000.

NEGRO BIRTHS TOTALED 2,344 OR A RATE OF 46.9 PER 1000 POPULATION, THE HIGHEST EVER RECORDED. IT IS QUITE POSSIBLE THAT OUR ESTIMATE OF 50,000 BASED ON A REASONABLE INCREASE SINCE THE 1940 CENSUS MAY STILL BE LOW. (THE 1950 CENSUS FIGURES ARE NOT YET AVAILABLE). IN THAT CASE, REDUCTION IN MORTALITY RATES WOULD BE EVEN GREATER THAN AS SHOWN BELOW.

(SEE TABLE ON NEXT PAGE)

NEGRO HEALTH STATISTICS

YEAR	DEATHS	DEATH RATE	BIRTHS	BIRTH RATE	T.B. DEATHS	T.B. D. RATE	INFANT DEATHS	INFANT M. RATE	MATERNAL DTHS SEPT.	MATERNAL DTHS TOTAL	RATE PER M. DEL.
1936	789	18.8	883	21.0	163	388.1	79	89.5	2	8	9.1
1937	618	14.4	846	19.7	112	360.5	52	61.6	3	5	6.0
1938	690	16.0	997	23.2	131	304.7	62	62.2	1	4	4.0
1939	630	14.3	965	21.9	117	365.9	72	74.6	1	8	8.3
1940	695	15.4	1043	23.2	138	306.6	74	70.9	1	10	10.0
1941	662	14.7	1070	23.8	119	264.4	67	62.6	2	5	5.0
1942	721	16.0	1247	27.5	125	277.7	69	54.5	0	1	1.0
1943	729	15.2	1242	25.9	117	243.9	74	59.5	1	4	3.0
1944	679	14.1	1326	27.6	119	247.8	76	57.3	0	2	1.6
1945	739	14.8	1393	27.9	115	230.0	77	55.3	1	3	2.1
1946	678	13.6	1595	31.9	122	244.0	87	54.5	1	5	3.1
1947	754	15.1	1964	37.3	120	240.0	107	54.0	0	1	0.5
1948	805	16.1	2225	44.5	109	206.0	123	55.3	0	2	0.9
1949	805	16.1	2261	45.2	92	184.0	140	61.9	1	4	2.2
1950	845	16.9	2344	46.9	98	194.0	118	49.9	0	5	2.1

FREEDOM FROM CONTAGION

THERE WAS NO UNDUE PREVALENCE OF CONTAGIOUS DISEASE DURING THE PAST YEAR. IN FACT EVERY SUCH CAUSE WAS BELOW NORMAL EXCEPT THE NON-FATAL GERMAN MEASLES, AND INFANTILE PARALYSIS. OF THE LATTER, THERE WERE 49 CASES AND 3 DEATHS COMPARED WITH THE ELEVEN-YEAR NORMAL OF 19 CASES AND TWO DEATHS. INCIDENTALLY, THESE 3 DEATHS FROM INFANTILE PARALYSIS WERE THE ONLY DEATHS FROM ANY OF THE CHILDHOOD CONTAGIONS. THE FOLLOWING TABLE SHOWS CASES AND DEATHS FOR THESE DISEASES IN 1950 COMPARED WITH THE ELEVEN-YEAR NORMALS.

DISEASE	1950		11-YEAR NORMAL	
	CASES	DEATHS	CASES	DEATHS
DIPHTHERIA	1	0	2	0
SCARLET FEVER	112	0	604	1
EPIDEMIC MENINGITIS . .	9	0	21	3
WHOOPING COUGH	761	0	1088	1
INFANTILE PARALYSIS . .	49	3	19	2

THE MOST PREVALENT OF THE MINOR NON-FATAL CHILDHOOD DISEASES WERE:

MEASLES	2370	4259
CHICKENPOX	1606	3439
MUMPS	1304	2319
GERMAN MEASLES	1957	379

EXECUTIVE DIVISION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE EXECUTIVE DIVISION PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE DEPARTMENT FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING; VITAL STATISTICS, PUBLICITY AND HEALTH EDUCATION, PERSONNEL RECORDS AND ASSIGNMENT, CLEANING AND MAINTENANCE; PRINTING AND MULTIGRAPHING; MONTHLY AND ANNUAL REPORTS AND PAROCHIAL SCHOOL MEDICAL INSPECTION.

PAROCHIAL SCHOOL MEDICAL INSPECTION

ANN REILLY, R.N., SUPERVISING NURSE

MEDICAL INSPECTION AND HEALTH EDUCATION OF SCHOOL CHILDREN IS SUPPLIED IN THE PUBLIC SCHOOLS BY THE BOARD OF EDUCATION. THIS VITAL WORK FOR APPROXIMATELY 13,000 PAROCHIAL SCHOOL CHILDREN IN 30 SCHOOLS, IS PROVIDED BY OUR DEPARTMENT WITH A SUPERVISING AND AN ASST. SUPERVISING NURSE AND 17 SCHOOL NURSES. THEY ARE AIDED BY THE PHYSICIANS OF OUR VARIOUS DIVISIONS, THE DEPARTMENT SOCIAL WORKER, AND DENTISTS, AND THE DISPENSARY CLINICS. PHYSICIANS ROUTINELY EXAMINE ALL CHILDREN IN 1ST GRADE, 4TH GRADE AND 8TH GRADE. NOTE 100% DIPHTHERIA IMMUNIZATION.

SUMMARY OF WORK

	DEFECTS	CURES
TEETH - - - - - - -	6136	4339
NOSE & THROAT - - -	2246	1698
EYE & EAR - - - - -	2017	1422
VERMIN & UNCLEAN -	1762	678
SKIN - - - - - - -	5048	4345

MENTAL BEHAVIOUR - - - - - - - -	14
EXCLUSION - - - - - - - - - - -	1190
VACCINATIONS - - - - - - - - - -	57
SCHOOL TREATMENTS - - - - - - -	27014
CLASS INSPECTIONS & TALKS - - -	6824
RE-INSPECTIONS - - - - - - - - -	33487
PHYSICAL EXAM, NURSE - - - - - -	22116
" " DOCTOR - - - - -	11432
GENERAL HOME CALLS - - - - - - -	428
IMMUNIZED AGAINST DIPHTHERIA - -	100 %

BUREAU OF VISUAL HEALTH EDUCATION

PETER COVEN, SUPERVISOR

OUR HEALTH EDUCATION WORK IS AIDED THROUGH THE FOLLOWING MEDIUMS: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ENTITLED "NEWARK'S HEALTH DEPARTMENT" DESCRIBING THE ACTIVITIES OF THE HEALTH DEPARTMENT; A HOME SAFETY SLIDE SEQUENCE ENTITLED "SAFEGUARD NEWARK'S HOMES", ALSO HEALTH EXHIBITS. OPERATION OF SCHOOL FOR FOODHANDLERS WHICH INCLUDES LECTURES, FILMS, QUIZES, AND UPON COMPLETION, PRESENTATION OF INDIVIDUAL AND ESTABLISHMENT CERTIFICATES. PRESENT HEALTH FILMS AND SLIDES AT CIVIC CLUBS, SCHOOLS, PTA'S, WOMEN'S CLUBS AND OTHERS. SOUND RECORDING OF HEALTH PROGRAMS, HEALTH LECTURES, RADIO PROGRAMS, ETC.

LEGAL WORK

WILTON GOODMAN, LL.B., SAN. INSP.

HANDLING OF COURT CASES IS GREATLY AIDED BY THE SERVICES OF AN INSPECTOR WHO IS A QUALIFIED LAWYER. HE NOT ONLY COOPERATES WITH THE CITY LAW DEPT. WHICH OFFICIALLY HANDLES ALL CITY WORK, BUT IS PRESENT AT ALL DIVISIONAL HEARINGS. EACH INSPECTIONAL DIVISION HOLDS WEEKLY HEARINGS BEFORE THE HEALTH OFFICER, CASES ARE DISCUSSED AND DISPOSITION MADE BY THE HEALTH OFFICER. CASES REFERRED FOR COURT ACTION ARE GREATLY REDUCED BY THIS ARRANGEMENT. DURING 1950, ONLY 843 CASES WERE TAKEN TO COURT. IN ADDITION TO SECURING ABATEMENTS IN THESE CASES, $2,945.00 IN PENALTIES WERE IMPOSED AGAINST VIOLATORS.

MAINTENANCE

FRANK LAWSON, CUSTODIAN

CLEANING AND MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS 24 OUTSIDE CLINICS USED FOR BABY-KEEP-WELL STATIONS, TUBERCULOSIS EXAMINATIONS, PRE-NATAL CLINICS AND DENTAL CLINICS.

FINANCE - VITAL STATISTICS

FRANK SHEA, ACCOUNTANT
CORA N. KIMBALL, STATISTICAL CLERK

IMMEDIATELY FOLLOWING ARE THE FINANCIAL STATEMENT AND THE VITAL STATISTICS TABLES OF MAJOR PUBLIC HEALTH INTEREST.

FINANCIAL STATEMENT - 1950

DISBURSEMENTS

PERSONAL SERVICE - SALARIES		$1,400,320.00
OTHER THAN PERSONAL SERVICE		
FURNITURE, FILES, TYPEWRITERS, ELEC. FIXT.	$ 3,262.00	
DRUGS AND SURGICAL SUPPLIES	2,486.40	
RENTS, TAXES, ANNEXES, BABY STATIONS	19,648.00	
POSTAGE, POST CARDS, STAMPED ENVELOPES	5,578.00	
TELEPHONE SWITCHBOARD SERVICES	8,8[illegible]	
COAL, LIGHT AND HEAT	8,25[illegible]	
STATIONERY AND PRINTING	7,6[illegible]	
LAUNDRY SERVICES	4,7[illegible]	
HOME DOCTOR VISITS - INDIGENT	5,[illegible]	
JANITOR SUPPLIES, PAINTS & UNIFORMS	3,7[illegible]	
LABORATORY AND SURGICAL APPARATUS	5,767.91	
AUTOMOBILE & MOTORCYCLE SUPPLIES & REPAIRS	6,42[illegible]	
HOME SICK VISITS - NURSES (VNA)	10,[illegible]	
X-RAY SUPPLIES	[illegible]	
RENTAL OF BUSINESS MACHINES	595.[illegible]	
INSURANCE, COMPENSATION AND FIRE & THEFT	5,72[illegible]	
SCORING DAIRY EXPENSE, MILK & FOOD SAMPLES	960.00	
LICENSE PLATES, TAGS AND BADGES	900.79	
NIGHT WATCH & FIRE ALARM SERVICE	336.25	139,724.35
TOTAL		$1,540,044.35

DISBURSEMENTS BY DIVISIONS

	SALARIES	SUPPLIES
EXECUTIVE	$ 83,000.00	$ 33,583.25
SANITARY	129,684.00	5,588.69
INDUSTRIAL HYGIENE	62,200.00	630.00
OCCUPATIONAL	40,850.00	- -
CONTAGIOUS	99,547.00	2,000.00
PLUMBING	43,700.00	580.00
PAROCHIAL	51,100.00	562.16
FOOD & DRUG	119,400.00	2,694.00
TUBERCULOSIS	82,700.00	650.91
VETERINARY	61,900.00	377.50
VENEREAL	104,015.00	8,373.26
DISPENSARY	309,200.00	66,750.00
LABORATORY	55,656.00	4,930.00
CHILD HYGIENE	157,368.00	13,[illegible]
TOTAL	$1,400,320.00	$139,724.35

RECEIPTS

PERMITS	ANIMAL	$ 1.00
"	CHICKEN	196.00
"	CHICKEN SLAUGHTERHOUSE	910.00
"	PLUMBING	3,703.50
LICENSES	ICE	444.00
"	MILK	5,087.00
"	PLUMBING	3,010.00
"	REFUSE	76.00
"	LIVE POULTRY	90.00
FEES	REAL ESTATE SANITARY INSPECTION	27.00
"	PLUMBERS EXAMINATION	950.00
"	BACTERIOLOGICAL EXAMINATION	248.50
"	OUT-OF-TOWN TREATMENTS - CLINICS	228.00
"	OUT-OF-TOWN LABORATORY TESTS	4,722.00
MISC.	CASH SALES PRESCRIPTION BOTTLES	276.63
"	CASH SALE POSTAGE STAMPS & PHONE CALLS	51.32
"	CASH SALE DAIRY SCORE PADS, OLD FILM, ETC.	62.70

DEPOSITED WITH CITY COMPTROLLER AS MISCELLANEOUS REVENUE $20,083.65

FEES RECEIVED FROM MILK PRODUCERS CREDITED TO "DAIRY INSPECTION ACCOUNT", USED FOR TRAVEL AND OTHER EXPENSE IN SUPERVISING OUR MILK SUPPLY . . . $13,656.18

NTERESTING HEALTH TRENDS 19 8- 19[illegible]

YEAR	DEATHS UNDER YR.	INFANT MORTALITY **	BIRTHS	BIRTH RATE	DIARR. DEATHS UND 5	T. B. DEATHS	T. B. DEATH RATE	DIPHTHERIA DEATHS	TYPHOID DEATHS	BRITS DISEASE DTHS	ORG. MRT. DTHS
1918	215	104.7	1575	27.0	33	798	85.6	82	15	629	633
919	862	76.2	11297	25.7	295	637	44.9	50	9	594	529
1920	994	84.7	11734	28.3	244	540	130.4	62	8	507	492
92[illegible]	837	7[illegible].5	11735	27.5	210	446	104.9	44	12	4[illegible].7	[illegible]
1922	825	74.8	10993	25.4	167	428	99.1	73	12	346	643
923	756	68.0	11[illegible]	25.3	133	406	92.5	34	11	340	727
1924	746	65.2	11449	25.7	132	392	87.9	39	12	399	729
925	746	68.7	10852	24.0	29	378	83.4	42	5	343	850
1926	753	71.9	10460	22.7	128	421	91.5	21	7	331	948
1927	634	63.3	10010	21.5	82	387	82.9	62	6	266	[illegible]
1928	626	63.8	9802	20.7	78	412	86.9	95	5	298	[illegible]
929	594	59.6	9875	20.7	52	441	9[illegible]8	96	5	258	[illegible]
1930	512	52.3	9784	22.2	45	445	101.0	48	1	244	1005
931	491	52.3	9506	21.4	36	412	92.4	16	2	224	983
1932	371	42.3	8746	19.4	16	360	80.0	2	4	242	958
1933	356	45.1	7897	17.6	18	388	85.8	1	2	228	109
934	342	45.2	7565	6.7	23	3[illegible]7	69.8	1	1	227	082
1935	417	54.6	7638	16.8	24	316	69.4	1	0	201	118
36	332	45.9	7236	5.8	6	346	75.7	0		214	162
1937	287	37.6	7659	16.7	32	301	65.8	1	0	68	158
938	310	39.1	7936	7.3	[illegible]2	287	62.7	1	2	149	1201
1939	303	38.1	7950	17.3	20	277	60.3	1	4	154	1240
940	300	35.[illegible]	8538	19.9	4	309	71.9	1	0	124	1360
1941	318	32.6	9765	22.8	13	274	63.9	0	0	122	1530
1942	352	29.3	12016	28.0	12	288	66.1	0	0	223	1756
1943	367	30.9	11856	26.9	15	294	66.8	1	0	276	975
1944	375	34.7	10792	24.5	23	257	58.4	0	0	271	1744
1945	390	34.7	11254	25.4	10	247	55.8	0	2	274	764
1946	416	30.9	13427	30.3	3	261	59.0	0	0	245	1663
1947	429	29.2	14710	33.1	13	259	58.2	0	0	281	1724
1948	388	28.3	13703	30.8	2	232	52.1	0	0	276	1804
1949	389	29.0	13439	30.3	11	211	47.6	0	0	249	1728
1950	357	27.1	13174	29.7	8	209	42.2	0	0	24[illegible]	[illegible]

** FOR NEO NATAL MORTALITY SEE "OTHER MORTALITY TRENDS"

OTHER MORTALITY TRENDS SINCE 1894

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATH RATE PER 1,000	RATES PER 100,000 SCARLET FEVER	TYPHOID FEVER	DIPHTHERIA	INFANT MORTALITY RATE UNDER 1 MO.	1 - 12 MONTHS	UNDER 1 YR.
1894	203,923	4,543	22.28	33.8	6.7	-			
1895	215,725	4,615	21.37	6.2	23.2	126.6			
1896	225,000	4,716	20.96	7.6	20.9	96.9			
1897	230,000	4,010	17.43	23.5	14.3	59.6			
1898	235,000	4,303	18.30	6.4	17.4	56.6			
1899	240,000	3,537	18.90	14.2	25.0	5[illegible].7			
1900	246,070	5,006	20.34	22.4	20.3	58.[illegible]			
1901	250,000	4,806	19.22	9.2	22.6	4[illegible].2			
1902	255,000	4,943	19.38	18.0	8.4	41.2			
1903	266,000	4,923	18.50	26.7	23.7	45.[illegible]			
1904	272,000	5,378	19.77	44.	4.7	55.1			
1905	283,239	5,025	17.74	15.9	4.1	38.8			
1906	290,000	5,551	19.[illegible]4	[illegible].7	7.2	34.			
1907	300,000	5,724	19.08	3.7	23.0	3[illegible].7			
1908	305,000	5,207	17.07	29.2	[illegible].5	2[illegible].6			
1909	3[illegible],000	5,529	17.77	22.5	2.5	38.8			
1910	347,469	5,764	16.64	11.2	12.7	29.9			
1911	352,000	5,33[illegible]	15.[illegible]6	6.0	0.5	2[illegible].0			
1912	370,000	5,423	14.65	3.0	7.0	24.6			
1913	38[illegible],000	5,562	14.68	6.9	7.9	28.0	39.8	54.2	93.0
1914	395,000	5,809	14.70	6.8	6.6	0.4	36.0	59.9	96.8
1915	375,000	5,382	14.30	[illegible].6	2.9	13.	36.[illegible]	4[illegible].9	5.3
1916	385,000	6,357	16.50	[illegible].8	6.0	14.8	38.0	5[illegible].6	89.6
1917	4[illegible]5,000	6,205	15.30	0.7	4.2	2.3	3[illegible].3	48.9	87.8
1918	43[illegible],000	8,483	19.72	2.6	3.5	10.	39.3	65.4	04.7
1919	440,000	5,534	12.57	2.7	2.0	[illegible].3	33.	43.1	76.2
1920	414,216	5,551	13.40	2.9	[illegible].9	14.9	38.7	46.0	84.7
1921	425,000	4,774	1[illegible].24	5.9	2.8	10.4	36.4	35.1	71.5
1922	432,000	5,209	12.06	3.5	2.8	6.9	35.3	39.5	74.8
1923	439,000	5,221	1[illegible].67	1.	2.5	7.7	36.0	32.0	68.0
1924	446,000	5,004	1[illegible].22	1.8	2.7	8.7	32.3	32.9	65.2
1925	453,000	5,3[illegible]0	11.67	2.0	1.	9.3	37.3	38.4	68.7
1926	460,000	5,450	11.85	1.3	.5	4.6	35.5	36.4	71.9
1927	467,000	5,086	10.90	2.6	.3	13.3	34.8	28.5	63.3
1928	474,000	5,512	11.63	1.3	1.0	21.0	34.8	29.1	63.9
1929	480,000	5,632	11.74	0.8	0.6	20.0	3[illegible].2	28.4	59.6
1930	410,000	5,239	11.92	0.7	0.2	10.9	27.9	24.2	52.
1931	445,000	5,073	11.40	2.0	1.5	3.6	30.0	21.5	51.5
1932	450,000	4,682	0.40	0.7	0.9	0.5	25.5	6.7	42.2
1933	452,000	4,930	0.91	0.9	0.5	0.2	21.6	20.3	45.1
1934	454,000	4,764	10.49	0.4	0.2	0.2	27.2	18.0	45.2
1935	455,000	4,996	10.56	0.2	0.0	0.2	32.9	2[illegible].7	54.6
1936	457,000	5,33[illegible]	11.18	1.5	0.2	NONE	27.5	18.4	45.9
1937	458,000	5,06[illegible]	11.00	0.2	0.0	0.2	21.8	15.7	37.5
1938	458,000	4,970	10.85	0.2	0.4	0.2	24.6	14.5	39.1
1939	459,000	4,855	10.58	0.9	0.9	0.2	24.3	3.8	38.1
1940	429,000	5,045	11.7[illegible]	NONE	NONE	NONE	21.7	9.4	35.1
1941	429,000	5,[illegible]27	11.62	NONE	NONE	NONE	23.2	9.1	32.6
1942	429,000	5,256	11.86	0.2	NONE	NONE	21.9	7.4	29.3
1943	440,000	5,702	12.55	0.2	NONE	0.2	21.5	9.1	30.9
1944	440,000	5,231	11.48	0.2	NONE	NONE	25.0	9.7	34.7
1945	443,000	5,292	11.60	0.2	0.4	NONE	22.7	12.0	34.7
1946	443,000	4,937	.14	NONE	NONE	NONE	23.8	7.2	31.0
1947	445,000	5,097	11.54	NONE	NONE	NONE	22.5	6.7	29.2
1948	445,000	5,087	.43	NONE	NONE	NONE	22.5	5.8	28.3
1949	443,000	4,943	11.25	NONE	NONE	NONE	21.9	7.1	29.0
[illegible]	443,000	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]

TOTAL DEATHS BY AGE GROUPS 1918-1950

YEAR	TOTAL DEATHS	NEW-B.	AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	5-24	2 -44	45-64	65 & OVER
1918	8484	12 5	433	434	2082	3 4	780	2308	754	1245
1919	6534	862	120	186	1238	149	345	204	47	127
1920	5554	994	253	192	1439	220	327	4	1379	14
1921	4776	837	36	34	1 07	94	248	9	[illegible]	[illegible]
1922	5209	822	198	166	1186	232	268	925	4 4	84
1923	5221	756	163	136	1055	55	305	872	503	290
1924	5111	746	130	139	1015	99	268	975	470	1 84
1925	5447	746	132	144	1022	206	273	918	640	1288
1926	5606	753	187	158	1098	156	277	1 5	1 8	442
1927	5296	636	109	112	857	2 0	277	974	724	1254
1928	5735	626	156	186	968	245	304	1092	794	422
1929	5857	594	104	152	850	92	08	62	788	1577
1930	5447	512	83	119	714	168	327	1337	1788	333
1931	5306	490	64	98	652	172	252	1325	747	1458
1932	4850	371	41	73	485	28	228	890	1677	1442
1933	5128	356	68	96	520	14	2 5	9 4	775	1563
1934	4921	342	54	54	450	7	92	824	1779	1559
1935	4996	417	46	60	523	7	90	864	1798	15
1936	5331	332	45	45	422	116	208	861	1892	1832
1937	5256	287	51	61	400	1 5	202	8.2	1877	1850
1938	5116	310	29	45	384	86	179	75	845	1187
1939	5005	303	23	24	350	97	168	704	1777	1909
1940	5207	300	26	33	359	55	168	703	934	1988
1941	5127	318	30	34	382	62	138	630	948	1958
1942	5256	352	25	36	413	50	51	682	1935	2025
1943	5702	367	24	44	435	66	118	667	2074	2313
1944	5201	375	24	29	428	67	13	618	1974	2071
1945	5292	390	24	31	445	75	124	564	933	2 51
1946	5078	416	14	31	461	51	112	561	1812	2083
1947	5238	429	24	33	486	32	98	59	898	2 53
1948	5222	388	22	21	431	29	73	502	1949	2237
1949	5086	389	22	28	439	33	86	472	825	2231
1950	5209	357	22	24	403	[illegible]	[illegible]	[illegible]	[illegible]	4

"TOTAL DEATHS" INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT AS WELL AS DEATHS OF NEWARKERS AT SOHO AND VERONA.

DEATHS AND DEATH RATES BY CAUSE AND COLOR - 1949-1950

	TOTAL				NEGRO			
	1950		1949		1950		1949	
	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	1.6	52.3	[illegible].2	5086	6.9	849	15.[illegible]	8[illegible]5
INFANTILE PARALYSIS	0.9	4	-	5	-	-	-	-
TETANUS	-	-	-	-	-	-	-	-
MUMPS	-	-	-	-	-	-	-	-
ERYSIPELAS	-	-	-	-	-	-	-	-
MEASLES	-	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	-	-	-
WHOOPING COUGH	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-
INFLUENZA	0.2	1	-	-	-	-	-	-
EPIDEM. MENING. (CER. SPIN.)	-	-	0.9	4	-	-	2.0	1
OTHER EPIDEMIC DISEASES	-	-	-	-	-	-	-	-
TUBERCULOSIS OF LUNGS	41.6	184	42.2	188	154.0	77	156.0	78
TUBERCULOSIS MENINGITIS	1.6	7	2.3	10	14.0	7	12.0	6
OTHER TUBERCULOSIS	4.1	18	2.9	13	26.0	13	16.0	8
CANCER, MALIGNANT TUMOR	178.6	791	179.5	795	184.0	92	154.0	77
SIMPLE MENINGITIS	2.5	11	1.4	6	10.0	5	4.0	2
APOPLEXY-SOFT. OF BRAIN	96.4	428	107.9	478	148.0	74	154.0	77
ORGANIC HEART DISEASE	420.3	1862	390.7	1728	386.0	193	344.0	172
BRONCHITIS	1.6	7	3.4	15	6.0	3	6.0	3
PNEUMONIA, LOBAR	16.9	75	12.9	57	34.0	17	32.0	16
PNEUMONIA, BRONCHO	19.9	88	21.2	94	46.0	23	52.0	26
OTHER RESPIRATORY DIS.	22.3	99	20.7	92	48.0	24	22.0	11
STOMACH (CANCER EXCEPTED)	5.0	22	9.7	43	-	-	8.0	4
DIARRHOEA (UNDER 5 YRS)	1.8	8	2.5	11	6.0	3	12.0	6
APPENDICITIS & TYPHILITIS	1.4	6	4.3	19	2.0	1	2.0	1
HERNIA, INTEST. OBSTRUC.	7.0	31	9.0	40	8.0	4	14.0	7
CIRRHOSIS OF LIVER	16.0	71	13.3	59	14.0	7	4.0	2
BRIGHT'S DIS. & NEPHRITIS	55.5	246	56.2	249	88.0	44	94.0	47
DIS. OF WOMEN (NOT CANCER)	0.5	2	1.1	1	4.0	2	-	-
PUERPERAL SEPT. CAEMIA	-	-	1.1	1	-	-	2.0	1
OTHER PUERPERAL DISEASES	2.7	12	3.2	14	12.0	6	8.0	4
CONG. DEBILITY & MALF.	66.1	293	67.9	301	168.0	84	200.0	100
OLD AGE	4.3	19	1.4	6	-	-	-	-
ACCIDENT	43.8	194	39.3	174	84.0	42	76.0	38
HOMICIDE	4.3	19	6.3	28	28.0	14	38.0	19
SUICIDE	3.3	59	10.4	46	8.0	4	8.0	4
ILL-DEFINED CAUSES	13.3	59	8.1	36	26.0	13	10.0	5
ALL OTHER CAUSES	135.0	597	129.3	573	186.0	93	180.0	90

DEATHS - CERTAIN CAUSES IN AGE GROUPS - 1950

CAUSES OF DEATH	TOTAL DEATHS	UNDER 5 DEATHS	%	5 TO 24 DEATHS	%	25 TO 44 DEATHS	%	45 TO 64 DEATHS	%	65 & OVER DEATHS	%
TOTALS	5213	403	7.7	109	2.1	512	9.8	1934	37.1	2255	43.3
MEASLES	0	0	-								
WHOOPING COUGH	0	0	-								
DIARRHOEAL DIS.	8	8	100.0								
EARLY INFANCY	293	293	100.0								
INFLUENZA	1									1	100.0
PNEUMONIA	163	34	20.8	2	1.2	11	6.7	47	28.9	69	42.4
BRONCHITIS	7	3	42.9		14.3	1	14.3			2	28.5
PULMONARY T.B.	184	1	0.5	13	7.1	63	34.2	86	46.8	21	11.4
BRIGHT'S DIS.	246	1	0.4	5	2.0	33	13.4	89	36.2	118	48.0
CANCER	791	2	0.3	9	1.1	74	9.4	372	47.0	334	42.2
APOPLEXY	428			3	0.7	23	5.4	192	44.9	210	49.0
ORGANIC HEART	1862			7	0.4	105	5.6	732	39.3	1018	54.7
ACCIDENTS	194	11	5.7	15	7.7	32	16.5	60	30.9	76	39.2

DEATHS BY SPECIAL CAUSES - 1940 - 1950

	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL - ALL CAUSES	52.3	5086	5222	5238	5078	5292	5204	5704	5258	5427	5207
INFANTILE PARALYSIS	4	5	2	-	4	7	3	-	2	3	-
TYPHOID FEVER	-	-	-	-	-	2	-	-	-	-	-
ERYSIPELAS	-	-	1	-	-	-	-	-	-	-	-
MEASLES	-	-	1	-	2	-	1	1	4	1	5
TETANUS	-	-	2	-	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	1	1	1	1	-	-
MUMPS	-	-	1	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-			-	
WHOOPING COUGH	-	-	-				-	2	3	4	1
INFLUENZA	1	-	4	4	4	7	12	23	5	19	8
EPIDEM. MENING. (CRSP)	-	4	2	3	7	11	17	27	5	1	1
OTHER EPIDEMIC DIS.	-	-	-	2	2	-	-	-	-	-	1
T. B. OF LUNGS	184	88	214	239	229	225	237	266	24[illegible]	235	277
T. B. MENINGITIS	7	10	8	8	13	11	4	7	11	13	11
OTHER TUBERCULOSIS	18	13	10	12	10	11	16	21	16	26	21
CANCER & MALIG. TUMOR	79	795	780	781	735	708	708	655	601	663	636
SIMPLE MENINGITIS	[illegible]	6	8	9	9	15	22	7	25	3	4
APOPLEXY-SOFT. BRAIN	428	478	485	498	463	486	421	43[illegible]	425	4[illegible]5	440
ORGANIC HEART DIS.	1812	1728	1804	1724	1663	764	744	1975	1756	1530	1360
BRONCHITIS	7	15	10	9	10	6	8	5	11	5	11
LOBAR PNEUMONIA	75	57	55	71	93	05	114	168	144	125	91
BRONCHO PNEUMONIA	88	94	78	89	96	[illegible]	120	62	02	19	03
OTHER RESPIRATORY DIS.	99	92	103	111	13	8	68	134	84	67	142
DISEASES OF STOMACH	22	43	33	25	9	32	34	48	34	30	31
DIARRHOEA (UNDER 5)	8	11	2	13	3	0	23	15	2	3	14
APPENDIC. & TYPHLITIS	6	9	7	11	9	29	25	3	34	45	68
HERNIA & INTEST. OBST.	31	40	36	39	36	44	62	75	67	50	59
CIRRHOSIS OF LIVER	71	59	77	55	51	49	48	40	34	47	37
PRT'S DIS. & NEPHRITIS	246	249	276	28	245	274	271	276	223	222	124
DIS. OF WOMEN (NOT CANCER)	2	1	4	5	7	7	7	7	10	4	19
PUERPERAL SEPTICAEMIA	-	1	-	1	2	4	-	4	2	5	2
OTHER PUERPERAL DISEASES	10	14	10	11	14	14	9	14	20	21	27
CONG. DEB. & MALF.	293	30[illegible]	3[illegible]7	337	331	285	278	257	262	243	225
OLD AGE	19	6	17	19	13	18	29	46	30	43	28
ACCIDENTS	94	174	2[illegible]2	200	234	271	270	304	271	235	258
HOMICIDES	9	28	29	23	28	13	18	22	22	19	21
SUICIDES	59	46	54	51	42	47	42	55	66	55	82
UNDEFINED	[illegible]	36	44	63	54	79	32	30	42	5[illegible]	50
ALL OTHER CAUSES	598	573	536	543	[illegible]7	564	557	582	571	708	1039
RATE PER 1000 POP.	11.6	1.2	.4	11.5	[illegible]	.6	1.5	12.6	1.9	11.6	.7

TUBERCULOSIS STATISTICS -- WHITE AND COLORED

YEAR	POPULATION (000'S) TOTAL	WHT	COL	REPORTED CASES WHT	COL	DEATHS WHT	COL	MORBIDITY RATE WHITE	COLORED	MORTALITY RATE WHITE	COLORED
1920	414	397	.7	1589	20[illegible]	458	80	400.0	1182.0	115.3	470.2
1922	432	415	17	1044	144	352	74	251.3	822.0	84.4	422.0
1924	446	424	22	749	148	310	76	176.7	672.0	73.1	345.4
1926	460	433	27	780	229	321	97	180.1	848.0	74.1	359.2
1928	474	442	32	714	215	306	105	161.6	671.0	69.2	328.1
1930	440	402	38	681	309	262	178	169.4	813.0	65.1	468.4
1932	450	410	40	532	245	195	65	129.7	6[illegible]2.6	47.6	412.5
1934	454	414	40	447	217	186	124	107.9	542.5	44.9	310.0
1936	457	415	42	429	213	82	63	105.7	507.1	43.8	388.0
1938	458	415	43	395	203	154	131	95.2	472.0	37.1	304.6
1940	429	384	45	400	185	169	38	104.1	4[illegible]1.1	44.0	306.6
1942	429	384	45	474	195	61	125	23.4	433.3	41.9	277.7
1944	440	392	48	371	207	35	19	94.6	431.2	34.4	247.9
1946	443	393	50	362	212	138	122	92.1	424.0	34.8	244.0
1948	445	395	50	313	224	129	103	79.2	448.0	32.7	206.0
1950	443	393	50	278	245	110	98	70.8	490.0	28.0	196.0

BIRTHS BY ATTENDANT AND PLACE OF DELIVERY 1915-1950
(ALTERNATE YEARS TO SHOW TREND)

YEAR	TOTAL BIRTHS	NON-RESIDENT BIRTHS	HOSPITAL DELIVERIES	HO. DELIVERIES PHYSICIAN	HO. DELIVERIES MIDWIFE	NO ATTENDANT	% TOTAL BIRTHS BTD IN HOSP.
1915	10,955	238	1,295	4,243	5,414	3	11.8%
1917	,850	381	1,956	4,195	5,696	3	16.5%
1919	,315	554	-	-	5,148	0	-
1921	1 ,705	-	-	-	4,470	0	-
1923	11,1	-	-	-	3,552	0	-
1925	,852	1,258	4,845	3,208	2,599	0	44.6%
1927	10,042	1,246	4,995	2,709	2,338	0	49.7%
1929	9,965	1,822	5,805	2,436	1,724	0	58.3%
1931	9,506	2,137	6,824	1,491	1,191	0	71.8%
1933	7,997	1,703	6,195	986	716	0	78.4%
1935	7,638	1,812	6,076	1,047	515	0	79.5%
37	,659	1,956	6,682	603	374	0	87.2%
9	7,950	2,180	7,315	401	234	0	92.0%
194	9,765	3,162	9,282	325	158	0	95.1%
1943	11,056	3,978	11,230	432	194	0	94.7%
945	1,254	3,916	10,867	272	115	0	96.6%
947	14,7 0	5,206	14,419	211	80	0	98.0%
1949	13,479	4,681	13,174	192	43	0	98.2%
	, 4	4,977	12,969	171	34	0	98.4%

INFANT MORTALITY BY COLOR

(ALTERNATE YEARS TO SHOW TREND)

YEAR	WHITE INF. MORT. RATE	COL. INF. MORT. RATE	WHITE POST NEONATAL MORT. RATE *	COLORED POST NEONATAL MORT. RATE *	WHITE NEONATAL MORT. RATE	COL. NEONATAL MORT. RATE
1920	81.0	162.4	43.6	96.0	37.4	66.4
1921	67.9	132.4	32.4	79.4	35.5	54.5
1923	65.0	112.4	29.7	66.1	35.3	46.3
1 25	81 0	155.1	33.8	89.9	27.2	65.2
1927	54.7	140.5	25.1	59.9	29.6	80.6
1929	49.8	138.7	23.2	70.3	26.6	68.4
1931	46.3	95.5	2 .8	45.8	24.5	49.7
1933	39.1	91.1	17.2	42.8	21.9	48.3
1935	50.7	94.8	18.6	45.9	32.1	38 0
1937	34.5	61.5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	18.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	41.1
1943	27.6	59.6	6.9	31.4	20.7	28.3
1945	31.7	54.6	10.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	44.7
1950	22.2	49.7	4.4	9.4	17.8	40.3

* OVER ONE MONTH BUT UNDER ONE YEAR.

DEATHS UNDER ONE YEAR BY CAUSES - 1918 - 1950

YEAR	MEASLES	BRON-CHITIS	PNEU-MONIA	MENIN-GITIS	DIA-RRHOEA	OTHER CONTAG. DISEASES	EARLY INF. CONG. DEB. PREMATUR.	ALL OTHERS	TOTAL
1918	33	84	156	30	273	83	442	12	123
1919	2	42	87	24	244	27	345	9	862
1920	16	57	143	19	191	66	402	100	994
1921	5	38	83	12	178	27	403	9	897
1922	14	44	128	11	153	22	352	98	822
1923	15	32	94	10	105	21	376	103	756
1924	4	38	106	17	115	24	356	86	746
1925	3	26	99	11	105	23	376	93	746
1926	17	18	142	5	102	16	383	70	753
1927	0	13	91	10	70	28	357	67	636
1928	11	8	97	12	68	19	356	55	626
1929	0	14	121	8	43	28	307	73	594
1930	4	9	95	10	33	10	278	73	512
1931	0	10	86	17	30	2	273	53	490
1932	0	2	67	5	13	2	232	40	371
1933	2	2	75	2	18	10	191	56	356
1934	0	2	52	5	23	2	221	37	342
1935	3	3	59	7	22	16	264	43	417
1936	0	5	51	10	13	9	202	42	332
1937	4	0	47	1	26	6	167	36	287
1938	0	3	40	9	10	10	2[illegible]	33	3[illegible]
1939	0	2	28	1	18	6	201	47	303
1940	0	1	26	4	14	0	229	32	3[illegible]
1941	1	0	23	7	10	5	241	31	318
1942	2	1	41	3	8	2	260	35	352
1943	0	1	41	5	14	5	255	46	3[illegible]7
1944	0	1	43	8	23	3	275	22	375
1945	0	1	56	3	8	3	280	39	390
1946	0	0	44	3	3	4	330	32	4[illegible]6
1947	0	2	30	2	13	2	333	47	429
1948	0	0	26	1	2	1	3[illegible]5	43	388
1949	0	2	37	3	8	1	298	40	389
1950	0	2	28	1	8	0	288	30	357

BIRTHS & INFANT MORTALITY RATES BY WARDS - 1950

WARDS	TOTAL BIRTHS	TOTAL COLORED BIRTHS	% TOTAL BIRTHS COLORED	MIDWIVES BIRTHS	% TOTAL BIRTHS DELIVERED BY MIDWIVES	TOTAL DEATHS UNDER 1 YEAR	INFANT MORTALITY RATES
1	410	50	12.2%	1	.2%	9	2[illegible].9
2	238	105	44.1%	1	.4%	7	29.4
3	809	680	84.1%	1	.1%	43	53.2
4	108	51	47.2%	0	-	6	55.6
5	285	38	13.3%	2	.7%	6	21.1
6	421	137	32.5%	2	1.4%	16	38.0
7	285	185	64.9%	1	.4%	15	52.6
8	908	73	8.0%	2	.2%	24	26.4
9	1181	247	21.9%	4	.3%	41	34.7
10	342	64	18.7%	0	-	8	23.4
11	520	81	15.6%	3	.6%	15	28.8
12	376	23	6.1%	7	1.9%	7	18.6
13	779	17	2.2%	3	.4%	13	16.7
14	588	231	39.3%	5	.9%	25	42.5
15	282	109	38.7%	0	-	13	46.
16	665	98	14.7%	2	.3%	12	18.0
N.R.	4977	145	2.9%	0	-	97	19.9
TOTAL	13174	2334	17.7%	34	.3%	357	27.1

BIRTHS & DEATHS - BY WARD & COLOR 1951

	WARD	POPULATION	DEATHS	CRUDE DEATH RATE	BIRTHS	BIRTH RATE	DEATHS UNDER 1 YR.	INFANT MORT. RATE
TOTAL		27,000	92	7.1	4[illegible]0	5.2	9	22.0
	2	[illegible],000	170	4.2	238	9.8	7	29.4
	3	2[illegible],000	392	15.	809	3[illegible].1	43	53.2
	4	7,000	93	18.9	108	15.4	6	55.6
	5	7,000	32	8.4	285	6.8	6	21.0
	6	20,000	292	9.1	421	2[illegible].0	6	38.0
	7	14,000	68	2.0	285	2[illegible].4	15	52.6
	8	39,000	402	10.3	908	23.3	24	26.4
	9	63,000	588	9.3	8[illegible]	18.7	41	34.7
	10	20,000	3[illegible]	5.6	342	17.1	8	23.4
		29,000	295	10.2	520	7.9	5	28.8
	12	21,000	45	6.9	376	7.9	7	[illegible]
	13	58,000	472	8.	779	13.4	3	6.7
	14	31,000	278	9.0	588	9.0	25	42.5
	15	3[illegible],000	135	9.4	282	2[illegible].7	13	46.
	16	46,000	420	9.	665	14.5	2	16.0
	NON-RESIDENT		927		4977		97	
	UNKNOWN		59					
	TOTAL	443,000	52[illegible].3 *	11.5 *	3.74	29.7	357	27.
NEGRO	1	1,500	9	12.7	50	33.3	3	60.0
	2	2,200	41	8.6	105	47.7	3	28.6
	3	7,000	274	16.	680	40.0	36	53.0
	4	1,000	28	28.0	5[illegible]	51.0	3	58.8
	5	800	8	22.5	38	47.5	1	26.3
	6	2,400	44	18.3	137	57.[illegible]	9	65.7
	7	5,400	92	17.0	185	34.2	12	64.9
	8	2,200	29	3.2	73	33.2	4	54.8
	9	3,000	65	21.7	247	82.3	1	45.0
	10	1,900	8	9.5	64	33.7	2	31.3
	11	1,500	29	19.3	81	54.0	6	74.1
	12	400	5	2.5	23	57.5	-	-
	13	500	9	18.0	17	34.0	1	58.8
	14	5,200	66	12.6	231	44.4	9	39.0
	15	3,500	39	11.	109	31.1	7	64.2
	16	1,500	29	19.3	98	65.3	3	30.6
	NON-RESIDENT		31		145		6	
	UNKNOWN		9					
	TOTAL	50,000	845	16.9	2334	46.7	116	49.7
WHITE	1	25,500	173	6.8	360	14.[illegible]	6	1.1
	2	9,800	29	3.2	133	13.6	4	30.1
	3	9,000	118	3.1	129	4.7	7	53.9
	4	6,000	104	17.3	57	9.5	3	52.6
	5	16,200	114	7.0	247	15.2	5	20.2
	6	17,600	58	9.0	284	16.1	7	24.6
	7	8,600	76	8.8	100	11.6	3	30.0
	8	36,800	373	10.1	835	22.7	20	24.0
	9	60,000	523	8.7	934	15.6	30	32.1
	10	18,000	95	5.8	278	15.4	6	21.6
	11	27,500	266	9.7	439	16.0	9	20.5
	12	20,600	40	7.0	353	17.1	7	19.8
	13	57,500	463	8.1	762	13.3	12	15.7
	14	25,800	212	8.2	357	13.8	6	44.8
	15	9,500	97	10.2	173	18.2	6	34.7
	16	44,500	391	8.8	567	12.7	9	15.9
	NON-RESIDENT		894		4832		91	
	UNKNOWN		43					
	TOTAL	393,000	4366	1[illegible].	0840	27.6	241	22.2

* RATE IS BASED ON 5126 DEATHS - 92 OF THE 5213 OCCURRED OUT-OF-TOWN.

TUBERCULOSIS BY WARD (1950) - MORBIDITY & MORTALITY

(NOTE) THE FOUR HIGHEST RATES ARE IN THE 3RD, 4TH, 7TH AND 2ND WARDS, WHERE THE WORST SLUMS ARE LOCATED OR WHERE POPULATION IS MAINLY OF THE TRANSIENT "CHEAP ROOM NG HOUSE" TYPE.

WARD	POPULATION (ESTIMATED) WHITE	COLORED	TOTAL	REPORTED CASES WHITE	COL.	TOTAL	TOTAL MORBIDITY RATE PER CM	DEATHS WHITE	COL.	TOTAL	TOTAL MORTALITY RATE PER CM
1	25500	1500	27000	10	5	15	56	3	4	7	26
2	9800	2200	12000	19	11	30	250	12	5	17	141
3	9000	17000	26000	5	84	89	342	1	32	33	127
4	6000	1000	7000	27	9	36	514	17	6	23	329
5	16200	800	17000	9	6	15	88	3	3	6	35
6	17600	2400	20000	9	18	27	135	5	2	7	35
7	8600	5400	14000	3	30	43	307	2	15	17	12
8	36800	2200	39000	28	7	35	90	11	3	14	34
9	60000	3000	63000	36	16	52	82	7	7	4	22
10	18100	1900	20000	10	4	14	70	6	2	8	40
11	27500	1500	29000	15	8	23	79	6	2	8	27
12	20600	400	21,000	17	6	23	109	10	1	[illegible]	52
13	57500	500	58000	26		26	45	8	2	0	7
14	25800	5200	31000	8	19	27	87	3	8	11	36
15	9500	3500	13000	5	9	14	108	3	4	7	54
16	44500	1500	46000	22	11	33	72	9	2	11	24
NR				9	5	24		4		5	
TOTAL	393300	50000	443000	278	248 *	526	119.	110	99 *	209	47.2

* FIGURE INCLUDES 3 CASES 1 DEATH (YELLOW RACE)

INFANT MORTALITY RATES (1ST DAY-1ST MO. ETC.)

1914 - 1950 (EVERY 3RD YR)

YEAR	UNDER 1-DAY	OVER ONE DAY BUT UNDER 1 WK.	UNDER 1-WK.	OVER ONE WEEK BUT UNDER 1 MO.	UNDER 1-MO.	OVER ONE MONTH BUT UNDER 1 YR.	UNDER 1-YR.
* 1914	-	-	-	-	36.9	59.9	96.8
1917	-	-	-	-	38.9	48.9	87.8
1920	-	-	-	-	38.7	46.0	84.7
1923	-	-	-	-	36.0	32.0	68.0
1926	-	-	-	-	35.5	36.4	71.9
1929	-	-	-	-	31.2	28.4	59.6
1932	-	-	-	-	25.5	16.7	42.2
1934	11.9	9.5	21.4	5.8	27.2	8.0	45.2
1937	9.7	6.7	16.3	5.5	21.8	5.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1950	8.7	9.7	18.4	3.3	21.8	5.3	27.1

* BREAKDOWN UNDER ONE MONTH NOT RECORDED UNTIL 1934

SANITARY DIVISION

CHRISTOPHER C. NUGENT, JR. - ASST. HEALTH OFFICER -- JOHN F. LYNCH, CHIEF SAN. INSPECTOR
EDWARD M. SMITH, CHIEF INSP. FUMIGATION

THE FOLLOWING IS THE 1950 SUMMARY OF ACTIVITIES OF THE SANITARY DIVISION INCLUDING HOUSING-SLUM CLEARANCE AND FUMIGATION WORK.

FOR THE PURPOSE OF INSPECTION, THE CITY IS DIVIDED INTO FIVE INSPECTIONAL DISTRICTS. THE DIVISION ALSO USES THREE EMERGENCY AUTOMOBILES AND FIVE MOTORCYCLES TO EXPEDITE ITS ACTIVITIES. FOLLOWING IS A COMPLETE LIST OF INVESTIGATIONS, NUISANCES FOUND, WRITTEN NOTICES SERVED AND ABATEMENTS:

INVESTIGATIONS	COMPLAINTS	ORIG. INSP.	REINSP.	TOTALS
ANIMALS, (DOGS, CHICKENS, ETC.)	536	3089	352	3977
BABY STATIONS		98		98
BARBER SHOPS	1	5	1	7
BOARDING HOMES		1		1
CHICKEN SLAUGHTER HOUSES		5386		5386
DWELLINGS	3530	14745	2701	22976
DOG KENNELS, POUNDS, SHELTERS, HOSP.	2	6	1	9
HOTELS	10	54	13	77
HOUSING PROJECTS	19	199	39	257
ICE DOCKS	7	42	9	58
LODGING HOUSES	3	11	5	19
OFFICE BUILDINGS	3	7	2	12
PET SHOPS	5	67	5	77
PUBLIC BUILDINGS	1	5		6
PUBLIC PROPERTY		7	8	15
PUBLIC STREETS	3	18	11	32
R.R. STATIONS & BUS TERMINALS	2	47	3	52
ROOMING HOUSES	338	1362	251	1951
SCHOOLS	1	4	2	7
STORES	42	179	29	250
STABLES		4	1	5
TAVERNS	2	6	2	10
TENEMENTS - OVER 8 FAMILIES	2047	5883	991	8921
THEATRES	4	128	9	141
VACANT LOTS	92	235	53	380
VEHICLES	1	18	2	21
LIST OTHERS	3	9	4	16
TOTALS	6652	33615	4494	44761

MISCELLANY

CASES ENTERED FOR PROSECUTION	83	NO. OF CONVICTIONS	28
HOURS IN COURT	171	PROCESS SERVED (FORMAL SUMMONS)	81
BIRTH CERTIFICATE PACKS DEL'D	262	HEARING CASES SCHEDULED	119
COMPLAINTS REF. TO OTHER CITY DEPTS.	209	GAS FUMIGATIONS & RUMMAGE SALES	44
NO CAUSE COMPLT. REC'D INVEST.	1967	VISITS OWNERS/AGTS OF REAL ESTATE	813
OTHERS	12	NUISANCES FOUND	6109
NOTICES SERVED	6105	ABATEMENTS	4779

FOLLOWING ARE TYPICAL INSANITARY CONDITIONS ABATED:

INSUFFICIENT HEAT IN HOMES AND OFFICES
DEFECTIVE STORM WATER LEADERS & GUTTERS
INSANITARY YARDS, CELLARS & ALLEYWAYS
DARK AND WINDOWLESS ROOMS
INSPECTION OF PUBLIC BUILDINGS
INSPECTION OF ROOMING HOUSES
ACCUMULATION OF GARBAGE & REFUSE
HOUSES UNFIT FOR HABITATION
INSPECTION OF CHICKEN MARKETS
OVERCROWDING

LICENSES & PERMITS - THE FOLLOWING LICENSES AND PERMITS ARE GRANTED BY THIS DIVISION AFTER APPROVED SANITARY INSPECTIONS: ICE, REFUSE, POULTRY SLAUGHTER HOUSES, CHICKEN (RABBITS, PIGEONS, ETC.), ANIMAL.

HOUSING SLUM CLEARANCE

ON FEB. 15, 1950, COMMISSIONER STEPHEN J. MORAN ORDERED A BLOCK TO BLOCK, HOUSE TO HOUSE, FAMILY UNIT TO FAMILY UNIT, ROOM TO ROOM INSPECTION OF THE 350 SQUARE BLOCKS CONTAINED IN THE NEWARK SLUM BELT, TO DETECT VIOLATIONS OF THE SANITARY CODE AND TO ORDER SUCH VIOLATIONS CORRECTED. TWENTY EIGHT OF THESE SQUARE BLOCKS HAD BEEN CANVASSED UP TO THE MONTH OF JULY, WHEN THE MAIN SECTIONS OF THE CODE UNDER WHICH AUTHORITY HEALTH DEPARTMENT INSPECTORS WERE OPERATING, WERE ATTACKED BY ONE OF THE CITY'S LARGEST REAL ESTATE OPERATORS, WHOSE HOLDINGS IN THE SLUM BELT REACH TREMENDOUS PROPORTIONS. ONE SECTION WAS DECLARED INVALID BY COUNTY JUDGE HARTSHORNE, WHICH SERIOUSLY HAMPERED THE PROGRESS OF THE DRIVE. UP TO THIS POINT 14,000 VIOLATIONS HAD BEEN DISCLOSED, SOME OF WHICH HAD BEEN ABATED VOLUNTARILY, BUT THOUSANDS WERE DECLARED VOID. SEVEN HUNDRED HEARINGS WERE HELD AND 178 CASES ENTERED FOR PROSECUTION, INVOLVING 1147 VIOLATIONS.

ON AUG. 8, 1950, COMMISSIONER MORAN INTRODUCED A NEW HOUSING STANDARDS ORDINANCE IN SUBSTITUTION FOR THE INVALIDATED SECTIONS WHICH BECAME EFFECTIVE SEP. 5, 1950. SINCE THEN TWELVE NEW SQUARE BLOCKS HAVE BEEN UNDER CANVASS, REVEALING TO DATE MORE THAN 5,000 VIOLATIONS OF THE NEW ORDINANCE ALL OF WHICH WILL BE PROCESSED IN DUE COURSE UNTIL EVERY VIOLATION HAS BEEN REMOVED OR THE OFFENDER PENALIZED.

THE WORK HAS BEEN GOING ON WITHOUT FANFARE, AND IS BEGINNING TO SHOW RESULTS, BUT SINCE THE INSPECTION OF 350 SQUARE BLOCKS OF SLUM DWELLINGS CANNOT BE EFFECTED OVERNIGHT WITH LIMITED PERSONNEL, IT IS EXPECTED THAT IT WILL TAKE ABOUT FOUR YEARS TO COMPLETE THE JOB, PROVIDED NO FURTHER APPEALS BY LANDLORDS OR REAL ESTATE OPERATORS IMPEDE THE PROGRESS.

THE FOLLOWING IS A SUMMARY OF ACTIVITIES OF THE SLUM CLEARANCE UNIT COVERING THE PERIOD BETWEEN FEB. 15TH AND DEC. 31ST, 1950:

TOTAL STRUCTURES INSPECTED	1,966
TOTAL FAMILY UNITS INSPECTED	6,044
MISCELLANEOUS INSPECTIONS (LOTS & COMMERCIAL)	48
TOTAL VIOLATIONS FOUND	19,514
WRITTEN NOTICES SERVED	2,202
STRUCTURES MINUS SANITARY VIOLATIONS	675
VOLUNTARY ABATEMENTS	3,654
ABATEMENTS AS A RESULT OF HEARINGS	5,489
ABATEMENTS AS A RESULT OF COURT ACTION	944
TOTAL ABATEMENTS	10,087
HEARINGS HELD	740
CASES ENTERED FOR PROSECUTION	283
VIOLATIONS ENTERED FOR PROSECUTION	1081
HOUSING COURT DISPOSITIONS	
DEFENDANTS RECEIVING SUSPENDED SENTENCES	156
DEFENDANTS RECEIVING DISMISSALS	47
DEFENDANTS PENALIZED	30
CASES PENDING AS OF DEC. 31ST	50
TOTAL	283
PENALTIES IMPOSED	$670.00

FUMIGATION - PEST CONTROL

THE USE OF HYDROCYANIC GAS FUMIGATION IS SO EFFICIENT FOR COMPLETE EXTERMINATION OF VERMIN AND RODENTS, THAT WE CONSIDER IT ESSENTIAL ESPECIALLY IN COMMERCIAL FOOD PROTECTION. FOR THAT REASON, AN ORDINANCE WAS ADOPTED SOME YEARS AGO, WHICH REQUIRES THE LICENSING OF ALL SUCH FUMIGATORS, AND INDIVIDUAL PERMITS WITH SUPERVISION OF THIS DEPARTMENT OF EACH JOB. A WRITTEN EXAMINATION IS REQUIRED TO SECURE A LICENSE.

SANITARY DIVISION - CONTINUED

DURING THE PAST YEAR, THIS DIVISION SUPERVISED MORE THAN 250 FUMIGATIONS AND MADE 389 INVESTIGATIONS OF RODENT AND INSECT CONDITIONS.

TOTAL FUMIGATIONS	254	FACTORY FUMIGATIONS	7
RUMMAGE SALE FUMIGATIONS	196	VAULT FUMIGATIONS	42
FOOD PLANT FUMIGATIONS	6	FREIGHT CAR FUMIGATIONS	9
INSPECTIONS - RODENTS & INSECTS	359	WRITTEN NOTICES SERVED TO EXTERM.	318
DEMOLITION OF STRUCTURES INSPECTED	12	INSPECTIONS ON CITY-PRIV. DUMPS	18

TOTAL NUMBER OF INSPECTIONS - - - 389

PSITTACOSIS (MILITARY PARK PIGEONS) - OPERATIONS IN THE MILITARY PARK AREA WITH RESPECT TO STRAY PIGEONS HAS BEEN DISCONTINUED. SINCE THE BEGINNING OF THE CAMPAIGN IN 1946, THE PIGEON POPULATION HAS BEEN REDUCED TO FEWER THAN 12 PIGEONS. IT IS CONSIDERED IMPRACTICAL TO CONTINUE THESE OPERATIONS, SINCE THERE ARE ALWAYS A FEW WHO WILL ESCAPE TRAPPING, AND IT IS BELIEVED THAT THE NUMBER HAS NOW BEEN REDUCED TO A MINIMUM. DURING THE PERIOD OF THE CAMPAIGN MORE THAN 800 PIGEONS WERE CAPTURED AND DESTROYED BY THE ASSOCIATED HUMANE SOCIETIES AT OUR REQUEST.

POISONOUS WEED ELIMINATION - THE DIVISION CONTINUED ITS POISONOUS WEED ELIMINATION DURING THE YEAR, IN COOPERATION WITH THE BUREAU OF SANITATION AND SHADE TREE DIVISION. MORE THAN 500 LOTS ARE TREATED FOR RAGWEED, POISON IVY AND OTHER UNDESIRABLE WEED GROWTH. SIXTY GALLONS OF 20% 2-4 D WERE USED AND THE TREATMENT WAS CONSIDERED EFFECTIVE. IT APPEARS THAT THIS WILL BE AN ANNUAL CAMPAIGN FOR THE ELIMINATION OF EXCESSIVE WEED GROWTH, AS A RELIEF TO HAY-FEVER SUFFERERS.

RABIES CONTROL

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST

ALL BITE CASES ARE INVESTIGATED BY A SANITARY INSPECTOR ASSIGNED TO THE BACTERIOLOGICAL LABORATORY. BITING DOGS ARE QUARANTINED ON THE PREMISES. UPON RE-INSPECTION, 10 DAYS LATER, THE ANIMAL IS STILL ALIVE AND WELL, IT PROVES THAT THE ANIMAL WAS FREE FROM RABIES IN THE INFECTIOUS STAGE AT THE TIME OF BITING, AND THE INDIVIDUAL DOES NOT NEED PASTEUR TREATMENT. THIS WORK REQUIRED 6,318 ORIGINAL AND RE-INSPECTIONS AND VISITS TO RELEASE DOGS FROM QUARANTINE. DURING THE YEAR, 44 DOGS FROM NEWARK AND OUT-OF-TOWN WERE EXAMINED AND FOUND TO BE NEGATIVE FOR RABIES. THIS WAS A MARKED REDUCTION FROM 1946 WHEN 34 NEWARK DOGS WERE PROVEN TO BE RABID AND 1947 WHEN WE FOUND 3 NEWARK RABID DOGS. IT IS THE THIRD YEAR WITHOUT RABIES IN NEWARK. A STATE QUARANTINE ESTABLISHED BY THE STATE DEPT. OF HEALTH IN 1946 IS STILL IN FORCE, PROHIBITING ANY DOG FROM BEING AT LARGE EXCEPT SECURELY LEASHED IN CHARGE OF A RESPONSIBLE PERSON. IN SPITE OF THIS AND THE FACT THAT OUR LOCAL ORDINANCE ALWAYS REQUIRES DOGS AT LARGE TO BE EITHER LEASHED OR MUZZLED, 2,319 DOG AND OTHER ANIMAL BITES WERE REPORTED AND INVESTIGATED. THESE INCLUDED 35 BITES BY CATS, 26 OTHER ANIMALS AND 1 HUMAN BITE.

SUMMARY	BITES INVESTIGATED -- 2,319	NEWARK DOG BRAINS EXAMINED - 33	(ALL
		OUT-OF-TOWN " " - 11	(NEG.
	TOTAL VISITS - 6,318	PASTEUR TREATMENT GIVEN	- NONE

INDUSTRIAL HYGIENE DIVISION

CHARLES J. MAGUIRE, CHIEF INSPECTOR

INDUSTRIAL HYGIENE DIVISION DURING THE YEAR 1950, CONTINUED TO UTILIZE THE VARIOUS SPECIALIZED FIELDS NECESSARY TO DETECT, EVALUATE AND CONTROL POTENTIAL HEALTH HAZARDS, AND THE PREVENTION OF OCCUPATIONAL DISEASES. THE HIGHLY TECHNICAL NATURE OF THIS RESPONSIBILITY NECESSITATES MEDICAL, CHEMICAL AND ENGINEERING STUDIES OF ALL CONDITIONS AND FACTORS WHICH MAKE UP THE INDUSTRIAL ENVIRONMENT AND WHICH MAY INFLUENCE THE HEALTH OF INDUSTRIAL WORKERS. THUS, ALL CONDITIONS ARE SCIENTIFICALLY EVALUATED AND, AS A RESULT, ADEQUATE CONTROL MEASURES ARE INSTITUTED FOR THE PROTECTION OF THE HEALTH, SAFETY AND WELFARE OF THE WORKERS WHO ARE A LARGE SEGMENT OF OUR ADULT POPULATION. DETECTION, EVALUATION AND CONTROL IS PRESENT ON WORK AND WE MUST BE CONSTANTLY ALERT TO PREVENT AND ELIMINATE HAZARDS BOTH POTENTIAL AND ACTUAL.

THE DIVISION'S TWO PUBLIC HEALTH NURSES CONTINUED TO GIVE ASSISTANCE TO INDUSTRIAL PLANTS ESTABLISHING AND EXPANDING PLANT DISPENSARIES, AND INDUSTRIAL NURSING SERVICES, ACTING AS INDUSTRIAL NURSING CONSULTANTS, THEY ADVISED PLANT NURSES IN INSTITUTING IN-PLANT HEALTH PROMOTION PROGRAMS, HEALTH EDUCATION, RECORD KEEPING, ABSENTEEISM, NUTRITION AND CASE FINDING PROGRAMS. IN TWO PLANTS, 409 HAD THEIR CHESTS X-RAYED TO DETERMINE THE PRESENCE OR ABSENCE OF ABNORMAL PATHOLOGY. IN ONE PLANT, 219 WERE BLOOD-TESTED FOR SERO-DIAGNOSIS AND SYPHILIS AND IN ONE ESTABLISHMENT, 74 HAD THEIR URINE ANALYZED FOR DETECTION OF DIABETES.

THE ABOVE FIGURES WOULD INDICATE A REDUCTION THIS YEAR IN THE NUMBER OF X-RAYS ACQUIRED. THIS IS MISLEADING DUE TO THE FACT THAT PLANTS HERETOFORE USING THE SERVICES OF THE DIVISION FOR X-RAYS ARE NOW ANNUALLY CONDUCTING AND PAYING FOR THEIR OWN IN-PLANT CHEST X-RAY PROJECTS. THIS IS THE ULTIMATE GOAL. AFTER BEING EDUCATED AND SHOWN ALONG THESE LINES, PLANTS SHOULD TAKE ON AND CARRY OUT THIS RESPONSIBILITY.

THE CHIEF OF THE INDUSTRIAL HYGIENE DIVISION AND SEVERAL INSPECTORS WHO WERE MEMBERS OF THE STAFF WERE ASSIGNED IN FEBRUARY 1950 TO THE NEWLY CREATED SLUM PROJECT HEADED BY THE DIRECTOR OF THE DEPARTMENT OF PUBLIC AFFAIRS. THE CHIEF WAS ASSIGNED IN AN EXECUTIVE CAPACITY IN THIS PROJECT DIRECTLY RESPONSIBLE TO THE DIRECTOR, AND SERVED IN THIS ACTIVITY UNTIL NOVEMBER, AFTER WHICH HE RETURNED TO THE INDUSTRIAL HYGIENE DIVISION. AS A RESULT OF THIS ABSENCE, TOGETHER WITH A DEPLETED INSPECTIONAL FORCE, THERE WAS A NOTICEABLE REDUCTION IN ROUTINE OR ORIGINAL INSPECTIONS. 387 COMPLAINTS WERE INVESTIGATED. AMONG THESE WERE SUCH NUISANCES AS FUMES, ODORS, SMOKE, DUST, NOISE, INSUFFICIENT ILLUMINATION, INSUFFICIENT HEAT, UNSANITARY WORKROOMS AND INADEQUATE TOILET FACILITIES. AT THE REQUEST OF THE CITY LICENSE DIVISION, 37 LAUNDERETTES, 13 CLEANING AND DYING ESTABLISHMENTS, AND 3 LAUNDRIES WERE INSPECTED PRIOR TO LICENSING TO DETERMINE COMPLIANCE WITH AN ORDINANCE REGULATING AND LICENSING THEM.

FOLLOWING IS A STATISTICAL SUMMARY:

INSPECTIONAL ACTIVITIES DURING 1950 - (TOTAL VISITS 5,586)

COMPLAINT INSPECTIONS	286	WRITTEN NOTICES SERVED	169
ORIGINAL INSPECTIONS	4439	VERBAL NOTICES SERVED	176
REINSPECTIONS	655	TOTAL NOTICES SERVED	345
TOTAL INSPECTIONS	5380	INDUSTRIAL HYGIENE SURVEYS	134
VIOLATIONS FOUND	420	RECOMMENDATIONS GIVEN	84
ABATEMENTS	255	REC. COMPLIED WITH	37

MEDICAL AND NURSING ACTIVITIES - (TOTAL VISITS 1,076)

INDUSTRIAL MEDICAL SUR.	140	REQUEST VISITS	117
INDUSTRIAL NURSING SUR.	66	RECOMMENDATIONS GIVEN	172
FOLLOW UP VISITS	95	LITERATURE DISTRIBUTED	1080

ENGINEERING INVESTIGATIONS - 695

INDUSTRIAL HYGIENE SUR.	19	COMPLAINTS	101
INSPECTIONS	251	WRITTEN NOTICES	36
REINSPECTIONS	107	VERBAL NOTICES	7

GROUP EXAMINATIONS - ROUTINE BLOOD TESTS 219 ROUTINE CHEST X-RAYS 409
ROUTINE URINE SPECIMENS FOR DIABETES DETECTION 74

VETERINARY DIVISION

DR. M. J. HUGHES, CHIEF VETERINARIAN -- DR. JOHN J. DEVINE, ASST. CHIEF

THIS DIVISION IS RESPONSIBLE FOR THE INSPECTION OF SLAUGHTERHOUSES, BOLOGNA KITCHENS, BUTCHER SHOPS, FISH MARKETS, POULTRY MARKETS AND ALL OTHER ESTABLISHMENTS WHERE MEAT, FISH AND POULTRY ARE SOLD, HANDLED OR PROCESSED AND DOING CITY INSPECTIONS. IT ALSO INSPECTS THE COMMISSARIES OF RESTAURANTS, LUNCH ROOMS AND HAMBURGER STANDS, MEAT AND FISH TRUCKS AND LOADING PLATFORMS, AND POULTRY AND MEAT FREIGHT AND EXPRESS CARS. WORK IS CARRIED OUT BY TRAINED AND STATE LICENSED VETERINARIANS AND MEAT INSPECTORS.

ALL MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED EITHER UNDER FEDERAL GOVERNMENT SUPERVISION, OUR OWN VETERINARIANS, OR LOCAL VETERINARIANS OF OUTSIDE COMMUNITIES WHERE INSPECTION IS APPROVED BY US. PERIODIC INSPECTIONS ARE ALSO MADE OF BIRDS AND ANIMALS OFFERED FOR SALE IN LOCAL PET SHOPS, AS SUCH LIVESTOCK CAN BE, AND OFTEN IS, A POTENTIAL SOURCE OF CERTAIN DISEASES TRANSMISSIBLE TO HUMANS.

DURING 1950 MORE THAN 220,000 CARCASSES OF CATTLE, SHEEP, CALVES, HOGS AND GOATS WERE INSPECTED AND REINSPECTED, EITHER AT LOCAL ABATTOIRS, OR AT LOCAL WHOLESALE HOUSES. CONDEMNATIONS DURING THE YEAR - 14 ENTIRE CARCASSES, 3,[illegible] PARTS OF CARCASSES, 105,355 LBS. OF MISCELLANEOUS MEATS, FISH AND PROVISIONS.

	NO.	INSPECTIONS		NO.	INSPECTIONS
BUTCHER SHOPS	643	14,976	ABATTOIRS	8	320
FISH STORES	78	2,165	PET SHOPS	20	207
BOLOGNA PLANTS	55	2,654	CITY INSTITUTIONS	3	355
POULTRY MARKETS	70	1,762	WHOLESALE BEEF HOUSES	45	2230
REFRIGERATION PLANTS	2	182	" FISH "	6	486
PUBLIC MARKETS	42	893	" LIVE POUL.	9	2850
HORSE MEAT MARKETS	4	246	CLAM HOUSES	4	276
	TOTAL	INSPECTIONS AND REINSPECTIONS		29,902	

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DIVISION OF SANITARY ENGINEERING

CHARLES A. HALLGRING, CHIEF INSPECTOR

PLUMBING PERMITS FOR NEW CONSTRUCTION INCREASED DUE TO SOMEWHAT MORE AVAILABLE MATERIAL, ALTHOUGH THERE IS STILL ACUTE NEED FOR MORE HOUSING AND MORE MATERIAL. THIS DIVISION INVESTIGATES ALL COMPLAINTS REFERRING TO PLUMBING AND COOPERATES WITH OTHER DIVISIONS WHERE PLUMBING IS INVOLVED. THE WINTER, HAVING BEEN MILD, THERE WAS A DECREASE IN THE NUMBER OF COMPLAINTS. THERE HAS BEEN A DECIDED INCREASE IN THE NUMBER OF PENALTIES FOR VIOLATIONS. THE COURTS HAVE BEEN COOPERATING VERY NICELY. THE SCARCITY OF RAIN MADE A VERY SERIOUS CONDITION IN OUR WATER SUPPLY. WE MADE EVERY EFFORT TO EDUCATE THE PUBLIC TO CONSERVE AND PREVENT THE WASTE OF WATER.

	1942	1943	1944	1945	1946	1947	1948	1949	1950
PLANS APPROVED-NEW SYSTEMS	135	142	45	130	181	187	223	204	209
PLANS APPROVED-OLD SYSTEMS	677	562	696	696	1103	868	748	832	770
SEWER INSPECTIONS	121	128	126	127	185	217	133	169	169
PLUMBING INSPECTIONS	2243	2190	2165	2352	2910	3295	4000	4176	3599
SPECIAL INSPECTIONS	6628	6732	11029	12718	3965	9355	9493	11455	8343
FINAL PLUMBING INSPECTIONS	1106	728	763	812	1110	973	954	957	1069
WATER TESTS	194	153	106	108	218	227	207	263	282
SMOKE TESTS	35	48	3	4	5	11	34	39	30
COMPLAINTS RECEIVED	531	583	1785	3251	2932	2600	3300	2835	2684
VIOLATIONS NOTICES SERVED	244	205	428	485	574	666	921	906	913
NOTICES COMPLIED WITH	210	175	372	421	542	614	897	893	929
NUISANCES ABATED			1035	2170	2487	2510	3307	3107	2796
LAW SUITS INSTITUTED	27	44	6	17	30	55	88	103	70
MASTER PLUMBERS LICENSES ISSUED	419	401	396	384	412	431	424	435	432
CROSS CONNECTIONS DISCONTINUED	38	12	3	1	22	147	17	52	5
WATER SAMPLES COLLECTED	1231	1138	1187	1169	600	851	563	652	437
DANCE HALLS INSPECTED	332	282	282	133	166	171	149	186	186

COMMUNICABLE DISEASE DIVISION

DR. J. W. GARDAM, MEDICAL DIRECTOR -- WILLIAM S. JENNINGS, CHIEF INSPECTOR

THE COMMUNICABLE DISEASE DIVISION IS RESPONSIBLE FOR CONTROLLING AND PREVENTING THE SPREAD OF DISEASE OTHER THAN VENEREAL AND TUBERCULOSIS. CASES REPORTED BY PHYSICIANS, NURSES, ETC., ARE VISITED BY OUR INSPECTORS, ISOLATION ESTABLISHED AND CONTACTS QUARANTINED, PLACARDS POSTED AND CASES OFFICIALLY RELEASED AT THE TERMINATION OF THE USUAL PERIOD ESTABLISHED BY LAW. MANY HOMES ARE REVISITED FREQUENTLY WHERE IT IS NECESSARY TO MAINTAIN STRICT SUPERVISION TO ENSURE PROPER QUARANTINE AND CONCURRENT DISINFECTION. CONTACTS TO DISEASES ARE EXAMINED BY THIS DIVISION BEFORE RETURNING TO SCHOOL OR BUSINESS. INSPECTORS MADE 13,671 SUCH VISITS DURING THE YEAR, TOGETHER WITH 18,791 IMMUNIZATION CAMPAIGN VISITS OR A TOTAL OF 32,462 HOME CALLS. DIPHTHERIA IS A CARRIER DISEASE. IMMUNIZED CHILDREN CAN AND DO CARRY THE GERM AND SPREAD THE DISEASE TO UNPROTECTED CHILDREN. WE MUST, THEREFORE, SEE THAT EVERY CHILD IS IMMUNIZED. THESE INSPECTORS FOLLOW UP EVERY CHILD UNTIL ALL THREE INJECTIONS ARE COMPLETED. DELINQUENTS, EVEN AFTER ONE OR TWO INJECTIONS ARE VISITED TO INSURE THE FULL SERIES. WE MUST HAVE AS MANY IMMUNIZATIONS EACH YEAR AS THERE ARE NEWARK BIRTHS, IF DIPHTHERIA IS TO CONTINUE UNDER CONTROL. DIPHTHERIA HAS BEEN ALMOST ERADICATED IN NEWARK BY VIRTUE OF THIS PROGRAM, WITH ONLY 2 CASES AND NO DEATH IN SEVEN YEARS. TO BETTER PROTECT AGAINST THIS CHILDHOOD DISEASE, A PROGRAM OF RE-IMMUNIZATION OF SCHOOL CHILDREN WAS STARTED IN THE SCHOOLS IN 1948, AS THE PROTECTION USUALLY LASTS ONLY THREE OR FOUR YEARS.

MORBIDITY REPORT	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	5-YR NORM.
* DIPHTHERIA	0	2	0	4	1	0	4	2	5	0	1	2
* SCARLET FEVER	931	1087	645	401	642	604	496	433	345	482	112	496
TYPHOID FEVER	6	2	5	8	3	18	2	4	1	0	2	4
PARA TYPHOID	1	3	1	0	0	1	2	1	1	1	0	0
TUBERCULOSIS	586	612	674	705	585	495	575	529	538	536	526	575
UNDULANT FEVER	3	5	0	3	1	5	0	1	3	1	3	2
TRICHINOSIS	0	3	3	5	2	8	5	4	7	3	0	2
LOBAR PNEUMONIA	994	912	952	1145	707	732	686	502	452	458	423	732
BRONCHO PNEUMONIA	583	599	597	799	567	545	623	494	629	654	593	599
EPIDEM. MENING.	7	4	36	136	118	52	32	21	10	8	9	21
* INFANT. PARALYSIS	10	18	37	13	29	50	19	17	31	99	49	29
** WHOOPING COUGH	1051	1302	1534	088	294	765	1089	1373	288	486	761	1088
MEASLES	6878	1259	4 05	4987	3 42	191	1392	454	6247	5782	2370	4259
GERMAN MEASLES	170	6552	379	9113	489	263	1583	171	293	893	1957	489
CHICKENPOX	2439	3632	2957	1481	3252	3439	1903	5120	5059	6395	606	3439
MUMPS	3503	1389	578	3094	2384	358	1263	2787	2760	2319	1304	2319
ERYSIPELAS	88	89	92	49	62	53	53	40	28	24	25	53
VINCENTS ANGINA	140	98	416	428	1173	1568	1207	1168	1194	1148	455	1168
OPHTHALMIA NEON.	127	58	91	61	47	68	44	46	45	62	5	62
PUERPERAL FEVER	4	4	0	2	4	1	0	2	0	1	0	1
DYSENTERY (AMB.)	2	2	2	0	2	2	0	0	4	0	0	2
TETANUS	1	2	3	0	2	0	2	1	1	0	0	2
INFLUENZA	89	424	138	194	75	109	57	45	35	32	53	75
MALARIA	0	0	0	0	56	86	46	9	2	0	4	2

1950 HAS BEEN OUTSTANDING IN A NUMBER OF WAYS. INFANTILE PARALYSIS WHICH WAS RAMPANT THROUGHOUT THE NATION HIT A LOW FIGURE OF 49 IN NEWARK. THIS EXCEEDED OUR EXPECTED NUMBER OF CASES BUT WAS ONLY ABOUT HALF OF THE PRECEDING YEAR. PNEUMONIA HAS RUN PRACTICALLY THE SAME NUMBER OF CASES FOR THE LAST SEVERAL YEARS. APPARENTLY WE HAVE HIT THE LIMIT THAT WE CAN EXPECT TO REDUCE THIS DISEASE PREVALENCE, ALTHOUGH MORTALITY IS GREATLY LOWER DUE TO USE OF PENICILLIN AND SULPHA DRUGS. WHOOPING COUGH AND GERMAN MEASLES ARE THE TWO OUTSTANDING DISEASES WHICH SHOW AN INCREASE OVER THE PRECEDING YEAR. GERMAN MEASLES IS EXCEEDINGLY MILD AND IS ONLY OF IMPORTANCE BECAUSE IT IS SO READILY CONFUSED WITH SCARLET FEVER, THE LATTER DISEASE SHOWING A MARKED REDUCTION FROM 482 TO 112 CASES.

THIS YEAR HAS SHOWN PROGRESS AND CHANGE IN THE METHOD OF CONTROLLING CONTACTS, PUTTING THIS WORK ON A SCIENTIFIC BASIS. FOR INSTANCE, SCARLET FEVER (INCLUDING STREP THROAT) CONTACTS, ARE NOW GIVEN PENICILLIN ORAL AND RELEASED IMMEDIATELY. MENINGITIS CONTACTS ARE GIVEN SULFADIAZINE AND RELEASED IMMEDIATELY. WHOOPING COUGH CONTACTS, WHO GIVE PROOF OF HAVING BEEN IMMUNIZED ARE GIVEN A BOOSTER DOSE OF VACCINE AND

COMMUNICABLE DISEASE DIVISION (CONTINUED)

ARE THEN PERMITTED TO RESUME SCHOOL OR WORK IMMEDIATELY. ALL THESE MEASURES CUT THE LOSS OF SCHOOL OR WORK TIME TO A MINIMUM AND ARE THEREFORE OF ECONOMIC IMPORTANCE. OUR WHOOPING COUGH PROGRAM IS STILL UNDER ACTIVE STUDY AND IS AGAIN SHOWING PROGRESS IN THE RIGHT DIRECTION.

IMMUNIZATION RECORD (WHOOPING COUGH & DIPHTHERIA)

NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIAN

	WHOOPING COUGH			DIPHTHERIA		
	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL
1941	0	4161	4161	2380	2004	4384
1942	177	3697	3874	3798	2296	6094
1943	1095	2819	3914	4593	3074	7667
1944	3653	2951	6604	5486	2951	8437
1945	4542	3052	7594	6084	3052	9136
1946	4917	3339	8256	5937	3339	9276
1947	6046	3324	9370	6787	3324	10110
1948	6303	3389	9692	6619	3389	10008
1949	5616	3352	8967	5849	3353	9202
1950	6405	3295	9700	6607	3295	9902

AS MOST OF THESE TREATMENTS ARE UNDER 1 YEAR OF AGE, PRACTICALLY ALL THE CHILDREN TREATED IN THE PAST 5 YEARS ARE STILL PRE-SCHOOL (45,985 WHOOPING COUGH), (48199 DIPHTHERIA). AS THE ESTIMATED POPULATION UNDER 5 IS ABOUT 48,000, IT CAN READILY BE SEEN THAT OUR PROPORTION OF PROTECTED PRE-SCHOOL CHILDREN IS ABOUT 100% FOR DIPHTHERIA AND OVER 90% FOR WHOOPING COUGH. AS IN OUR CLINICS, THE BULK OF PRIVATE DOCTOR TREATMENTS ARE WITH COMBINED MATERIAL.

FOUR YEARS AGO WE STARTED ACCURATE RECORDING AS TO DATE OF WHOOPING COUGH ATTACK IN RELATION TO DATE OF IMMUNIZATION TREATMENT, INASMUCH AS MANY OF THE CASES DEVELOP YEARS AFTER TREATMENT AND ANY IMMUNIZATION WOULD NATURALLY BE LOST BY THAT TIME. IN DIPHTHERIA, WE KNOW THAT MOST CHILDREN ARE SUCCESSFULLY IMMUNIZED BY TREATMENT AND REMAIN PROTECTED FOR THREE YEARS, AFTER WHICH PROTECTION RAPIDLY DECLINES. OUR STUDY WOULD SEEM TO INDICATE THAT WHOOPING COUGH IMMUNIZATION TREATMENT IS REMARKABLY SIMILAR. THIS IS DEMONSTRATED IN SEVERAL WAYS:

1 - GREATLY REDUCED PREVALENCE RATE AMONG TREATED CHILDREN.

2 - GREATLY REDUCED SEVERITY IN THE PROTECTED GROUPS.

FOOD & DRUG DIVISION

JOSEPH E. CONNOLLY, ASST. HEALTH OFFICER - DAVID F. ORGAN, CHIEF INSPECTOR

OUR DEPARTMENT WAS CONFRONTED THIS YEAR WITH THE ERECTION OF NUMEROUS BARBECUE STANDS THROUGHOUT THE THIRD WARD, WITH THE ABSOLUTE LACK OF SANITIZING FACILITIES, FOOD EXPOSURES AND UNHYGIENIC FOOD PREPARATION AND HANDLING. MOST OF THEM WERE FOUND UNFIT AND WERE CLOSED UP.

VARIOUS FOOD SAMPLING PROGRAMS WERE CARRIED OUT THROUGHOUT THE YEAR TO CHECK FOR STANDARDS AND BACTERIOLOGICAL COUNTS, ETC.

IN THE FALL OF 1950, FOLLOWING A TERRIFIC HURRICANE IN THIS SECTION OF THE COUNTRY, THE CITY OF NEWARK EXPERIENCED A WEEK-END POWER BREAK-DOWN. NUMEROUS ELECTRIC REFRIGERATION SYSTEMS AND DEEP FREEZERS (FROZEN FOODS) THROUGHOUT THIS AREA WERE PUT OUT OF OPERATION. FEARING THAT SOME STORE OPERATORS MIGHT BE SELLING TAINTED MEATS AND VEGETABLES, OUR DEPARTMENT STRESSED THE MENACE OF EATING FROZEN FOODS THAT THAWED OUT DURING THE WEEK-END POWER BREAK-DOWN, ONLY TO BE REFROZEN AFTER REFRIGERATION WAS RESTORED. NUMEROUS WHOLESALE AND RETAIL OUTLETS WERE CHECKED AND SOME SAMPLES WERE PICKED UP FOR BACTERIOLOGICAL EXAMINATION. THE LABORATORY RESULTS WERE FOUND TO BE SATISFACTORY.

DURING THE WINTER OF 1950, OUR DIVISION CARRIED OUT AN INVESTIGATION OF THE PREPARATION, DISTRIBUTION AND SALE OF CREAM AND CUSTARD FILLED BAKERY PRODUCTS. LABORATORY SAMPLES WERE TAKEN AND IN THE FEW INSTANCES WHERE EXCESSIVE COUNTS WERE FOUND, IMMEDIATE CORRECTIVE MEASURES WERE TAKEN.

CITY FOOD & DRUG INSPECTION SERVICE

PLACES WHERE FOODSTUFF IS PREPARED OR COOKED	PLACES	INSPECTIONS	MISCELL. OTHER FOOD ESTABLISHMENTS INSPECTED	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	952	4500	TAVERNS	522	1946
" IN TAVERNS	459	1606	CONFECTIONERIES	572	1737
" IN CONFECTION.	246	536	GROCERY & DELICATESSEN	1274	4494
" IN DELICATESS.	56	56	PRODUCE	308	574
" IN DRUG STORES	43	96	DRUG STORES	182	373
BAKERIES	662	893	MISCELLANEOUS	575	687
MISCELLANEOUS PLANTS	75	1101	SPECIAL INVESTIGATIONS		2560

TOTAL INSPECTIONS AND INVESTIGATIONS - 21,159

NOTICES SERVED	671	CASES TURNED IN FOR LEGAL ACTION	2
NOTICES ABATED	1372	HEARING NOTICES SENT TO VIOLATORS	186
COMPLAINTS INVESTIGATED	397	MISC. FOOD SAMPLES TAKEN	382

SOME LARGE CONDEMNATIONS DURING YEAR: 1200 BUSHELS PICKLES
3000 GALLONS VINEGAR
818 2-48 OZ. CANS CONCENTRATED ORANGE JUICE

GLASS SWAB SAMPLES FROM TAVERNS FOR BACTERIOLOGICAL EXAMINATIONS - 950

BACTERIAL SAMPLES TAKEN - 895	STERILE	632	- 70.61%
	COUNTS 1 TO 1,000	82	- 9.16%
	" 1,001 TO 00,000	162	- 18.00%
	" OVER 00,000	19	- 2.23%
	SAMPLES SATISFACTORY	876	- 97.77%
	AVERAGE COUNT	15,600	
BICOLI SAMPLES TAKEN - 895	STERILE	830	- 92.73%
	COUNTS 1 TO 1,000	59	- 6.60%
	" OVER 1,000	6	- .67%
	SAMPLES SATISFACTORY	889	- 99.31%
	AVERAGE COUNT	23	
COLON INDEX SAMPLES TAKEN - 895	STERILE	760	- 84.91%
	COUNTS 1 TO 50	63	- 7.04%
	" OVER 50	72	- 8.05%
	SAMPLES SATISFACTORY	823	- 91.95%
	AVERAGE COUNT	39	

FOOD & DRUG DIVISION (CONTINUED)

MILK & DAIRY CONTROL

INSPECTIONS REPORT	INSP.	RE-INSP.	TOTAL	EXCLUDED
PASTEURIZING PLANTS	153	10	163	12
RECEIVING PLANTS	140	30	170	-
DAIRIES	7361	229	7590	53

MILK CONDEMNED - - 12,580 QTS.

MILK SAMPLING	NO. OF SAMPLES	AVE. BACT. PER C. C.	AVE. % BUTTERFAT	AVE. % TOTAL SOLIDS
GRADES OF MILK				
CERTIFIED RAW	40	4,600	12.83	3.85
CERTIFIED PASTEURIZED	10	6,800	13.10	3.96
PREMIUM PASTEURIZED	680	7,900	13.07	4.19
PASTEURIZED	1088	9,000	12.45	3.59
GRAND AVERAGE	1818	8,500	12.70	3.82

ESTIMATED DAILY MILK CONSUMPTION OF NEWARK (PER CAPITA) 1.2 PINTS

(POPULATION 443,000) DAILY CONSUMPTION 263,631 QTS.

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OCCUPATIONAL CLINIC

DR. WILLIAM T. RUNAGE, DIRECTOR M. C. MANNING, OFFICE MANAGER

BY LOCAL ORDINANCE, ALL FOOD HANDLERS AND DOMESTICS MUST BE PHYSICALLY EXAMINED AND RECEIVE HEALTH CARDS EVERY SIX MONTHS. THE EXAMINATION INCLUDES THE BLOOD TEST FOR SYPHILIS, TWICE YEARLY FOR DOMESTICS AND ONCE YEARLY FOR FOOD HANDLERS, AS WELL AS A 4"X5" X-RAY FINDING FOR BOTH FOOD HANDLERS AND DOMESTICS. VINCENT'S ANGINA SMEARS ARE TAKEN WHERE ABNORMAL MOUTH SYMPTOMS ARE PRESENT.

DURING THE YEAR, 29,221 FOOD HANDLERS AND 3,974 DOMESTICS RECEIVED HEALTH CARDS. OF THESE, 25,7[illegible] FOOD HANDLERS AND 3,878 DOMESTICS WERE EXAMINED WITHOUT COST AT OUR CLINIC. THE OTHER 3,607 WERE EXAMINED BY PRIVATE PHYSICIANS.

THE WORK IS PRIMARILY A CASE-FINDING PROGRAM FOR TUBERCULOSIS AND VENEREAL DISEASE, PLACING UNSUSPECTED CASES THUS FOUND, UNDER TREATMENT. IN ADDITION TO THIS, THE PROCEDURE IMPRESSES FOOD HANDLERS WITH THE HAZARDS OF DISEASE SPREAD AND THE VITAL NEED OF PERSONAL HYGIENE.

THERE WERE 574 FOOD HANDLER REJECTIONS AND 95 DOMESTIC REJECTIONS DURING THE YEAR. THESE INCLUDED 107 SYPHILIS, 12 GONORRHEA, 13 FOR TUBERCULOSIS, 25 FOR INFECTIOUS SKIN CONDITIONS AND 317 FOR VINCENTS ANGINA. THE LAST WERE ALL REQUIRED TO TAKE DENTAL TREATMENT TO IMMEDIATELY CLEAR UP THE MOUTH CONDITION. THERE WERE 570 TEMPORARY CARDS ISSUED PENDING FURTHER CHECK UP.

THIS CLINIC COOPERATES WITH THE INDUSTRIAL HYGIENE DIVISION BY X-RAYING AND BLOOD-TESTING GROUPS OF EMPLOYEES REFERRED BY THAT DIVISION. SUSPICIOUS X-RAYS ARE REFERRED TO THE TUBERCULOSIS DIVISION.

CITY DISPENSARY

PASCAL BAROCCHI, M.D., MEDICAL RECEIVING OFFICER
ELVIRA RYAN, R.N., DIRECTOR, HEALTH NURSING - OSCAR B. STEVENS, CHIEF PHARMACIST

THE CITY DISPENSARY PROVIDES CLINIC TREATMENT FOR MEDICALLY INDIGENT AS WELL AS THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS AND PAID FOR BY THE RELIEF DEPARTMENT FOR PATIENTS ACTUALLY ON RELIEF AND BY THE HEALTH DEPARTMENT FOR THOSE NOT ON RELIEF BUT UNABLE TO PAY. THE PATIENT IS GIVEN FREE CHOICE OF PHYSICIAN. THE 61,626 CLINIC TREATMENTS OF THE SICK POOR DO NOT INCLUDE APPROXIMATELY 27,000 VENEREAL DISEASE TREATMENTS, 30,000 TUBERCULOSIS AND CARDIAC TREATMENTS, NOR THE EXAMINATION OF 30,000 FOOD HANDLERS AND DOMESTICS. THAT IS MORE TRULY PREVENTIVE MEDICINE AND IS REPORTED UPON ELSEWHERE HEREIN.

AFTER A GREAT INCREASE OF 50% IN CLINIC ATTENDANCE FROM 43,247 TREATMENTS IN 1948 TO 64,281 IN 1949, THERE WAS A SLIGHT DECREASE IN 1950, TOTAL TREATMENTS NUMBERING 61,626. INDIVIDUAL PATIENTS TREATED DROPPED FROM 42,713 TO 3[illegible],580. FREE PRESCRIPTIONS PROVIDED BY THE DISPENSARY PHARMACY FOR ALL CLINIC PATIENTS AND FOR PATIENTS VISITED AT HOME NUMBERED 43,131. INCIDENTALLY, HYGIENIST CALLS SHOWED A SLIGHT INCREASE WITH 8,706. THE PHARMACY NOT ONLY PREPARES AND FILLS THESE PRESCRIPTIONS BUT ALSO HANDLES THE DISTRIBUTION OF ALL BIOLOGICALS SUPPLIED FREE TO PHYSICIANS FOR IMMUNIZATIONS, VACCINATIONS AND DISEASE TESTING. THEY ALSO DISTRIBUTED OVER [illegible],000 VIALS OF COD LIVER EXTRACT MOSTLY FOR INFANTS AT THE CHILD HYGIENE STATIONS.

THE DISPENSARY HAS A SMALL STAFF OF MEDICAL SOCIAL WORKERS WHO CHECK ON ABILITY TO PAY. IN ADDITION TO PERSONAL INTERVIEW OF NEW PATIENTS, SPOT-CHECK HOME VISITS ARE MADE, ESPECIALLY FOR DOCTOR VISITS TO THE HOME. IN DOCTOR VISITS, WE MUST NATURALLY SEND A PHYSICIAN FIRST, AND IF THE DOCTOR SUGGESTS ABILITY TO PAY, WE INVESTIGATE AND BILL IF NOT ELIGIBLE. NO FUTURE CALLS ARE PAID FOR INELIGIBLES. ABOUT 25% OF THE PATIENTS HANDLED THIS YEAR WERE RELIEF CLIENTS. WHEN THERE IS A DECREASE IN FREE MEDICAL CARE DUE TO IMPROVED ECONOMIC CONDITIONS, THE GREAT REDUCTION IS IN THE RELIEF GROUP. IN RECENT YEARS, THE PERCENTAGE OF RELIEF CLIENTS HAS BEEN AS HIGH AS 40%. MANY GRADUATE FROM TOTAL INDIGENCY TO A SLIGHTLY HIGHER STATUS BUT STILL BELOW ABILITY TO PAY FOR MEDICAL CARE.

HOME CARE OF THE SICK - DOCTORS OF PATIENTS' OWN CHOICE MADE 9,426 CALLS OF WHICH 4,080 WERE ON RELIEF AND PAID FOR BY THE RELIEF DEPARTMENT. THE OTHER 4,[illegible]26 WERE MEDICALLY INDIGENT AND WERE PAID FOR BY THE HEALTH DEPARTMENT AT AN AVERAGE COST OF $3.60 PER VISIT. ($3.00 FOR DAY CALLS - $5.00 AFTER 11 P.M.) THE VISITING NURSE ASSN MADE 4200 HOME NURSING VISITS FOR THE SICK. OF THESE, 45% WERE PAID BY THE RELIEF DEPARTMENT AND 55% BY THE HEALTH DEPARTMENT, AT $2.34 PER CALL.

OUR NEIGHBORHOOD DENTAL CLINICS FOR CHILDREN NOW TOTAL NINE. THE MAIN DENTAL CLINIC TREATS CHILDREN ON 3 DAYS AND ADULTS 2 DAYS. CHILDREN'S DENTAL TREATMENTS INCREASED FROM 12,755 TO OVER 15,000 IN 1950.

CLINIC TREATMENTS	1950	1949
MEDICAL	8642	7917
CHILDREN	2272	2428
SURGICAL	3608	3760
GYNAECOLOGICAL	749	791
SKIN	5290	3982
RECTAL & G.I.	1879	2270
ORTHOPEDIC	1404	1021
DENTAL - ADULT	3514	4541
" - CHILDREN	15238	12755
NEURO-PSYCHIATRIC	1083	977
ESSEX CO. HOSP. PAROLEES	77	85
NERVOUS DISEASES	1439	1614
METABOLIC	1388	1269
VARICOSE VEINS	1011	1093
VACCINATION	639	761
QUINE LAMP	456	398
MASSAGE & ELEC. THERAPY	2059	2435
TESTS-IMMUNIZATIONS	4039	974

	1950	1949
INSULIN & OTHER INJEC.	2004	2113
CIRCUMCISION	85	282
TUMOR	168	120
EYE	490	386
EMPLOY. DIAGNOSTIC CLINIC	786	3043
TOTAL TREATMENTS	61626	64281
DIFF. PATIENTS TREATED	16724	19565
PRESCRIPTIONS	43131	44364
X-RAYS DENTAL FILM	2898	2151
" CHEST FILM 4X5	26678	29632 *
" " " 14X17	7081	7538
" MISC. CLINICS	304	2043
DOC. CALL PD BY RELIEF DEP.	4080	4206
" " " " HEALTH DEP.	4626	4624

* [illegible] SP. X-RAY [illegible] MADE [illegible] OVER [illegible],000 CHEST X-RAYS FOR T.B. DETECTION PROGRAM.

CHEST DISEASE DIVISION

DR. IRVING WILLNER, DIRECTOR -- DR. JAMES JASO, ASST. DIRECTOR
MAE WACKENHUTH, R.N., SUPERVISING NURSE

TUBERCULOSIS CONTROL (MORTALITY AGAIN LOWEST EVER) MORTALITY IN 1950 HAS AGAIN DROPPED TO 47.2, LOWEST EVER RECORDED FOR NEWARK. THERE HAS BEEN A STEADY DECREASE IN MORTALITY FROM TUBERCULOSIS SINCE 1946 WHEN THE RATE WAS 59.0. MORBIDITY RATE HAD HELD AT ABOUT THE SAME LEVEL AS IN THE PAST FOUR YEARS, THE REPORTED CASES BEING 526 FOR 1950 WITH A RATE OF 17.2. MORTALITY HAS DROPPED FROM OVER 150, THIRTY YEARS AGO BUT THIS CONTINUING REDUCTION IS ENCOURAGING WHEN WE CONSIDER THE OVERCROWDED CONDITIONS STILL PREVALENT THROUGHOUT THE CITY. UNDER SUCH CONDITIONS ADULTS AND CHILDREN LIVE IN CLOSE CONTACT SO THAT MASS EXPOSURE WILL CERTAINLY OCCUR WHERE AN ACTIVE CASE OF TUBERCULOSIS IS PRESENT. DECREPIT AND DELAPIDATED BUILDINGS ARE STILL WITH US AND IN THESE SLUM AREAS WE FIND OUR GREATEST NUMBER OF CASES. SOME ACTIVITY HAS TAKEN PLACE DURING THE PAST YEAR IN THE FIELD OF SLUM CLEARANCE BUT ONLY THE SURFACE HAS BEEN SCRATCHED. POOR HYGIENE, MALNUTRITION, OVERCROWDING AND SUBSTANDARD SANITATION FORM THE BASIC GROUND WORK FOR THE SPREAD OF TUBERCULOSIS. ONLY WITH NEW HOUSING CAN THESE CONDITIONS IMPROVE.

THE TUBERCULIN TESTING PROGRAM HAS BEEN INTENSIFIED WITH PLANS FOR THE COMING YEAR OF PATCH TESTING LARGE NUMBERS OF CHILDREN. THIS HAS BEEN ROUTINELY FOLLOWED AT THE HEALTH DEPARTMENT AND IS NOW TO BE EXTENDED TO OUR OUTLYING CLINICS. THE CO-OPERATION OF THE CHILD HYGIENE DIVISION WILL LEAD TO CONTACT WITH ALL YOUNG INFANTS. WHERE A POSITIVE REACTION IS OBTAINED, NOT ONLY THE CHILD, BUT ALL MEMBERS OF THE FAMILY AND CONTACTS ARE X-RAYED. THIS WILL BRING US IN TOUCH WITH MANY FAMILIES WHO HAVE AVOIDED THE MASS X-RAY PROGRAMS.

EXAMINATION OF LARGE GROUPS OF INDIVIDUALS AND MASS X-RAY PROGRAMS HAVE CONTINUED IN OUR CASE FINDING PROGRAM. WITH THE ASSISTANCE OF ASSOCIATED AGENCIES LARGE NUMBERS HAVE BEEN X-RAYED IN DRIVES CONDUCTED IN CONGESTED SLUM AREAS AND IN INDUSTRIAL PLANTS. SUSPICIOUS CASES HAVE BEEN FOLLOWED UP INTENSIVELY AND MANY NEW CASES HAVE BEEN LOCATED.

CONFERENCES HAVE BEEN HELD WITH THE STATE DEPARTMENT OF HEALTH FOR PLANS DURING 1951 FOR MASS X-RAYING THE CITY POPULATION BY MEANS OF A MOBILE UNIT WHICH WILL BE MOVED FROM PLACE TO PLACE OVER A PERIOD OF TWO MONTHS.

OUR RECORDS REVEAL THAT A LARGE PERCENTAGE OF CASES ARE UNSUSPECTED. IN 1948, 21% OF THE CASES WERE REPORTED AFTER THEIR DEMISE; IN 1949, 23% AND IN 1950, 37%. THESE FIGURES INDICATE THE NEED OF PERIODIC EXAMINATIONS OF EVERYONE.

OUR PNEUMOTHORAX CLINIC GAVE 910 TREATMENTS DURING THE YEAR. SEVERAL CASES WERE REFERRED TO THE CITY HOSPITAL AND THE ESSEX COUNTY SANATORIUM FOR PNEUMOLYSIS OR THORACOPLASTY. OUR CLINIC EXAMINATIONS INCREASED TO 9,750 DURING 1950 AS COMPARED WITH 9,08[illegible] DURING THE PREVIOUS YEAR. THERE HAS BEEN AN INCREASE IN THE X-RAYS TAKEN BY OUR DIVISION, 7,425 PLATES BEING TAKEN AS COMPARED WITH 5,670 IN 1949. AMONG X-RAYS IN THE TUBERCULOSIS CONTROL CLINIC, 81 CASES OF ACTIVE TUBERCULOSIS WERE LOCATED. IN ADDITION 1,153 PLATES WERE EXAMINED FOR OTHER CLINICS WHICH REVEALED 29 CASES OF CARDIAC PATHOLOGY WHICH WERE REFERRED TO OUR CARDIAC DIVISION. SEVENTEEN SHOWED EVIDENCE OF PULMONARY TUBERCULOSIS. DURING THE YEAR, 673 FOOD HANDLERS AND DOMESTICS X-RAY WERE SENT TO US FOR EXAMINATION AND STUDY. THIS WAS MORE THAN TWICE THE NUMBER IN 1949 WHEN 257 WERE REFERRED. OF THIS NUMBER, 167 WERE GIVEN TEMPORARY HEALTH CARDS AND 13 CASES WERE REPORTED FOR ACTIVE TUBERCULOSIS. FLUOROSCOPY HAS BEEN INTENSIVE DURING THE PAST YEAR WITH 2,517 EXAMINATIONS BEING MADE. THE NURSES MADE 26,658 VISITS TO HOMES IN THE ROUTINE FOLLOW-UP OF ACTIVE AND SUSPICIOUS CASES OF TUBERCULOSIS.

CARDIAC DISEASE CONTROL THERE HAS BEEN A MARKED INCREASE OF ACTIVITY IN OUR CARDIAC CLINIC (LARGEST IN THE STATE) FROM THE STANDPOINT OF DIAGNOSIS AND TREATMENT. DURING THE PAST YEAR, 5,350 EXAMINATIONS WERE MADE AND 935 ELECTROCARDIOGRAMS WERE TAKEN. THE FOLLOWING PATHOLOGICAL CLASSIFICATION WAS FOUND:

HYPERTENSIVE	589	ARTERIOSCLEROTIC	210	SYPHILITIC	95
RHEUMATIC	79	CONGENITAL	17	UNKNOWN	14
POSSIBLE OR POTENTIAL	17	COR PULMONALE	11	HYPERTHYROID	6
CARDIAC NEUROSIS	3	NO ORGANIC DISEASE	199	ANEMIC	3

CHEST DISEASE DIVISION (CONTINUED)

HAY FEVER AND ASTHMA CLINIC — THE ALLERGY CLINIC CONTINUED UNDER THE SUPERVISION OF DR. FRANK L. ROSEN. IT WAS EXPANDED DURING THE PAST YEAR. PATIENTS ARE REFERRED FROM DISPENSARY CLINICS, OTHER ALLERGY CLINICS WHEN PATIENTS CANNOT AFFORD THE USUAL CLINIC FEES, AND DIRECT REFERRALS FROM PRIVATE PHYSICIANS. RESEARCH PROJECTS INSTITUTED LAST YEAR ARE CONTINUING. A NEW ONE HAS BEEN ADDED, "THE INCIDENCE OF POSITIVE REACTIONS TO VARIOUS MOLDS". THERE ARE NOW PRESCRIBING SEVERAL NEW MEDICINES FOR THESE ALLERGIC PATIENTS — TO ASTHMA, HAY FEVER AND ALLERGIC SKIN DISEASE AND RESULTS HAVE IMPROVED OVER PREVIOUS YEARS. DURING 1950, 3,145 EXAMINATIONS WERE MADE AS COMPARED WITH 1949 FOR THE PREVIOUS YEAR.

DIVISIONAL WORK

VISITS, INVESTIGATIONS BY NURSES	26,658
CLINIC EXAMINATIONS - ADULTS & CHILDREN	3,750
CLINIC EXAMINATIONS - CARDIAC	5,350
CLINIC EXAMINATIONS - HAY FEVER & ASTHMA	3,145
X-RAYS	7,425
FLUOROSCOPIC EXAMINATIONS	2,517
PNEUMOTHORAX TREATMENTS	910
CAMP CHILDREN EXAMINATIONS	658
PATCH TESTS	473
ELECTROCARDIOGRAMS	935

SANATORIA & HOSPITAL EXAMINATIONS

VERONA - COUNTY SANATORIUM CLINIC	243
GLEN GARDNER - STATE SANATORIUM CLINIC	132
SOHO - COUNTY HOSPITAL CLINIC	6
FARMINGDALE - STATE PREVENTORIUM CLINIC	6

FOOD HANDLER & DOMESTIC WORK

FOOD HANDLER RE-EXAMINATIONS	85
" " TEMP. CARDS ISSUED	165
" " REJECTIONS	10
DOMESTIC RE-EXAMINATION	45
" TEMP. CARDS ISSUED	38
" REJECTIONS	3

EXAMINATIONS - NEIGHBORHOOD CLINICS

BAXTER COURT	66
CUTLER CLINIC	64
FERRY STREET	34
SETH BOYDEN	30
PENNINGTON COURT	27
WEST STREET	23

DEATHS (LAPSE OF TIME AFTER REPORT CASE)

No. CASES REPORTED PRIOR TO DEATH	WITHIN 1 YEAR	74	36%
	1 TO 2 YEARS	20	10
	2 TO 3 YEARS	12	4
	4 YEARS & OVER	27	13
		33	63%
No. CASES REPORTED AFTER DEATH		76	37%

(SEE STATISTICAL TABLES FOR MORTALITY AND MORBIDITY)

DIVISION OF CHILD HYGIENE

DR. JULIUS LEVY, DIRECTOR -- MRS. MEREDITH EHRICH, SUPERVISING NURSE

THE INFANT MORTALITY RATE IN 1950 WAS 27.1, WHICH IS 1.9 LESS THAN IT WAS IN 1949 AND REPRESENTS A REDUCTION OF APPROXIMATELY 7%. IT IS THE LOWEST RATE EVER REPORTED IN THE CITY OF NEWARK.

A GOOD SHARE OF THIS REDUCTION IS DUE TO THE REDUCTION IN THE INFANT MORTALITY RATE AMONG THE NON-WHITES, SINCE THE WHITE INFANT MORTALITY RATE REMAINED THE SAME IN 1950 AS IT WAS IN 1949 - 22.2 IN 1950 AND 22.3 IN 1949. THE RATE FOR NON-WHITES, HOWEVER, HAS DROPPED FROM [illegible] IN 1949 TO 40.7 IN 1950, A REDUCTION OF ABOUT 20%.

THE RATE FOR DEATHS UNDER ONE DAY HAS INCREASED BY [illegible] WITH PRACTICALLY NO REDUCTION IN THE FIRST PERIOD OF LIFE. THE CONTINUED REDUCTION IN INFANT MORTALITY COMES ONLY AFTER THE REDUCTION IN MORTALITY AT THE FIRST MONTH OF LIFE. [illegible] THE RATE, THE POST NEONATAL MORTALITY RATE, THAT IS THE RATE OVER ONE DAY [illegible] ONE YEAR, THAT THE MOST IMPRESSIVE REDUCTION IS FOUND. WHILE AMONG THE WHITES THIS RATE [illegible] WITH THE SAME - 5. IN 1949 AT [illegible] AMONG THE [illegible] DROPPED FROM 17.2 IN 1949 TO 9.3 IN 1950, REPRESENTING A REDUCTION OF 4[illegible]%.

WHILE IT IS DIFFICULT TO EXPLAIN THIS MARKED REDUCTION DURING THE PAST YEAR, IT IS POSSIBLE THAT IT IS RELATED TO THE IMPROVED ECONOMIC STATUS OF MANY FAMILIES, THE CUMULATIVE EFFECTS OF EDUCATION IN THE CARE, FEEDING, AND HANDLING OF INFANTS, AND THE GREATER AVAILABILITY OF MEDICAL CARE BOTH FROM IMPROVED ECONOMIC STATUS AND FROM THAT MADE POSSIBLE BY THE MEDICAL CARE SERVICE OF THE HEALTH DEPARTMENT.

WE HAVE CONTINUED TO EMPHASIZE EMOTIONAL AND MENTAL DEVELOPMENT OF CHILDREN AND THE IMPORTANCE OF ANTICIPATORY GUIDANCE IN REGARD TO PARENT-CHILD RELATIONSHIPS. OUR SUPERVISOR OF NURSES HAS CONDUCTED DISCUSSION GROUPS AT THE NURSES' ANNUAL HAS ARRANGED TO HAVE THEM VISIT NURSERY SCHOOLS FOR OBSERVATION. FILMS DEALING WITH THE HEALTH PHASE OF CHILD DEVELOPMENT HAVE BEEN SHOWN TO THEM WHICH WERE OBTAINED FROM THE NEW JERSEY STATE DEPARTMENT OF HEALTH.

BOARDING HOME SERVICE SUPERVISED DURING 1950 - 118

" " REJECTED " " - 17

SUPERVISED IN COOPERATION WITH N. J. STATE DEPT. OF EDUCATION -

DAY NURSERIES	- 9
NURSERY SCHOOLS	- 6
DAY-CARE CENTERS	- 1

NURSES' ACTIVITIES

YEAR	SUPERVISED BABIES BORN DURING YEAR	TOTAL NO. OF SUPERVISED BABIES UNDER TWO YEARS	NURSES' VISITS TO HOMES	MOTHERS' VISITS TO CONSULTATION STATIONS
1920	3,167	3,011	32,591	3,963
1925	4,010	7,490	42,477	7,801
1930	4,777	8,437	61,445	32,298
1935	4,060	12,948	72,877	25,903
1940	5,364	13,591	64,135	24,597
1945	6,834	12,439	72,373	11,040
1950	7,710	14,341	96,025	13,675

VENEREAL DISEASE CONTROL DIVISION

DR. EDMOND EDELSON, PHYSICIAN-IN-CHARGE

EACH YEAR, ESPECIALLY DURING THE PAST FIVE YEARS, WE HAVE WRITTEN ENTHUSIASTICALLY ABOUT THE NEW DRUGS AND TREATMENTS AVAILABLE FOR THE CARE OF VENEREAL DISEASE AND HOW EFFECTIVE THESE NEW APPROACHES WERE IN CURTAILING MORBIDITY AND IN DECREASING ECONOMIC LOSS AS WELL. THE PAST YEAR HAS BEEN NO EXCEPTION IN THAT NOT ONLY HAVE NEW AND POTENT MEDICATIONS BECOME GENERALLY AVAILABLE FOR THE PATIENTS BUT THE STATE PUBLIC HEALTH SERVICE HAS FOUND IT, WITHIN ITS MEANS, IN SPITE OF THE EXPENSE INVOLVED, TO INCLUDE THE NEW MEDICATIONS IN THE ARMAMENTARIUM AVAILABLE FREE TO INDIGENT PATIENTS AND FOR USE THROUGH OUR CLINICS.

ALL THESE IMPROVEMENTS ARE OF THE UTMOST VALUE WHEN THE CIVILIAN PEACETIME POPULATION ALONE IS CONCERNED, BUT THESE GREAT MEDICAL DEVELOPMENTS WILL BE OF INESTIMABLE VALUE IN HELPING TO MAINTIN AN EXPANDED MILITARY FORCE AND AN INDUSTRIALIZED HARD WORKING CIVILIAN POPULATION AT PEAK EFFICIENCY.

DURING THE PAST WAR, AND AGAIN IN THE PRESENT EMERGENCY, OUR VENEREAL DISEASE DIVISION HAS BEEN CALLED UPON TO COOPERATE IN CONTROL PROGRAMS BOTH FOR THE MILITARY AS WELL AS FOR THE CIVILIAN BENEFIT. OUR DEPARTMENT HAS ALSO, IN THE PAST FEW MONTHS, HELPED IN MASS BLOOD TESTING AND BLOOD TYPING PROGRAMS FOR THE PRESENT DEFENSE PROGRAM.

CLINIC	REPORT	1947	1948	1949	1950
SYPHILIS	NEW PATIENTS - MALE	325	287	273	184
	" " FEMALE	347	277	299	184
	TOTAL NEW PATIENTS	672	564	572	368
	PATIENTS TREATED - MALE	1224	1202	4154	4002
	" " FEMALE	982	1184	3697	4511
	TOTAL PATIENTS TREATED	2206	2386	7851	8513
	TREATMENTS GIVEN	22785	17728	137[illegible]4	[illegible]
	CASES REPORTED FROM NEWARK	2105	1890	1865	1595
	PATIENTS DISMISSED, ARRESTED OR CURED	1140	1760	894	875
	PATIENTS PUT ON REST	360	125	437	599
GONORRHEA	NEW PATIENTS - MALE	951	66[illegible]	62[illegible]	91[illegible]
	" " FEMALE	285	327	413	438
	TOTAL NEW PATIENTS	1236	987	1034	1354
	PATIENTS TREATED - MALE	1443	1107	4709	3599
	" " FEMALE	1120	1009	1109	1647
	TOTAL G.C. PATIENTS TREATED	2563	2116	5818	5246
	TOTAL VISITS G.C.	7049	6569	7626	5676
SOURCES OF INFECTION	NAMED	705	645	489	1022
	FOUND AND EXAMINED	315	342	244	733
	FOUND INFECTIOUS	32	18	1[illegible]9	302

LABORATORIES

DR. H. A. TURELL, CHIEF BACTERIOLOGIST — FRED COLTRELL, ASST. CHIEF BACTERIOLOGIST
DR. H. S. MARTLAND, PATHOLOGIST — HALSEY DURAND, B.S., CHIEF CHEMIST
DISPENSARY LABORATORY - CARL CORDASCO, B.S., PH.G., ASST. CHIEF BACT.

THESE LABORATORIES MAKE FOOD, MILK AND WATER EXAMINATIONS, SPECIAL DIAGNOSTIC TESTS FOR LOCAL PHYSICIANS AND DEPARTMENT CLINICS)

BACTERIOLOGICAL

LIGHT BIA CULTURES - - -	2274
" " POSITIVE - -	0
TUBERCULOSIS SPUTA - - - - - -	4469
" " POSITIVE - -	507
TYPHOID (IDEALS) - - - - - - -	20
" " POSITIVE - -	2
PARA TYPHOID, A & B - - - - - -	18
" " " POSITIVE - -	0
DOG BRAIN EXAM. (RABIES) - - -	44
" " POSITIVE - -	0
VINCENT'S ANGINA SMEARS - - -	641
" " " POSITIVE - -	167
GONORRHOEA SMEARS - - - - - -	4032
" " POSITIVE - -	425
" CULTURES - -	5529
" " POSITIVE - -	520
EXAM. FOR UNDULANT FEVER - - -	8
" " " POSITIVE - -	0
EXAM. OF FECES & URINE - - - -	130
WATER EXAMINATIONS - - - - - -	273
MILK & CREAM EXAMINATIONS - - -	2345
ICE CREAM EXAMINATIONS - - - -	159
SHELL FISH " - - - - - -	37
MISC. FOOD " - - - - - -	54
SWABBING FROM EATING UTENSILS -	706
RINSE WATER SWABBINGS - - - - -	107
PASTEUR TREATMENTS GIVEN - - -	6
TOTAL	21180

CHEMICAL

MILK SAMPLES - - - - - - - - - -	2387
" " BELOW STANDARD - - -	1
MILK AVERAGE SOLIDS ALL SAMPLES	2.70
" " FAT " "	3.81
CREAM SAMPLES - - - - - - - - - -	4
" " BELOW STANDARD - - -	0
ICE CREAM SAMPLES - - - - - - - -	336
" " " BELOW STANDARD - - -	21
BUTTER SAMPLES - - - - - - - - -	96
MISCL. " - - - - - - - - - -	456
PHOSPHOTASE TEST (MILK PASTEURIZED)	2579
TOTAL	5957

NOTE - SPECIAL EXAMINATIONS INCLUDED HORSE MEAT, ADDED SULPHITES AND EXCESSIVE FAT CONTENT IN MEATS; ARTIFICIAL FLAVORINGS, AND MANY OTHER TYPES OF FOODS.

WATER SAMPLES INCLUDED ROUTINE EXAMINATIONS FROM WATER SHEDS, LOCAL FAUCETS, ETC. AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, ETC.

SEROLOGICAL

PREMARITAL TESTS (KAHN) - - -	7982
" " POSITIVE	147
PRENATAL " " - - - -	5710
" " " POSITIVE	69
DIAGNOSTIC " " - - - -	26993
" " " POSITIVE	3739
TOTAL KAHN TESTS - - - - - - -	40685
" " " POSITIVE	3946
CONFIRMATION WASSERMANNS - - -	4306
" " POSITIVE	2017
SPINAL FLUIDS, WASSERMANNS -	1119
" " " POSITIVE	57
RH FACTOR DETERMINATION - - -	2709
" " " POSITIVE	2485
" ANTIBODY TITRATION - - - -	21
HETEROPHILE ANTIBODY DET. - - -	141
BLOOD TEST (FOR TYPE) - - - - -	171
MISC. QUANT. WASS. AGGLUTINATION, GOLD CURVE, &C.	141
TOTAL	49233

DISPENSARY LABORATORY

KLINE BLOOD TESTS FOR SYPHILIS		TOTAL	POS.
	FOOD HANDLERS	15450	111
	DOMESTICS	3365	105
	INDUSTRIAL	608	19
	CLINICS	9025	2153
	MILITARY	401	5
	PRIVATE DOCTOR	3033	92
	MARRIAGE	562	35
	TOTAL KLINES	38339	4173
QUANTITATIVE KLINE TESTS - - -		4895	1853
DARKFIELDS - - - - - - - - - - -		130	19
SPINAL FLUIDS - - - - - - - - -		335	169
GONORRHEA SMEARS - - - - - - -		6028	1127
VINCENTS ANGINA SMEARS - - - -		1058	463
TRICHOMONAS VAGINALIS - - - - -		199	100
URINALYSES - - - - - - - - - - -		3576	-
SPECIAL TESTS FOR BLOOD COUNT, CLOTTING & BLEEDING TIME, SEDIMENTATION RATE, ETC. - -		827	-
TOTAL		56087	

N. J. DOCUMENTS
NEWARK LIBRARY

HEALTH REPORT

FOR THE

CITY OF NEWARK

1950

Department of Health, Newark, N. J.
CHARLES V CRASTER, M.D., D.P.H.
Health Officer.

HON. STEPHEN J. MORAN, Director,
Department of Public Affairs.

THIRTY SIX YEARS AS HEALTH OFFICER

THIS WILL BE MY FINAL REPORT AS HEALTH OFFICER OF THE CITY OF NEWARK. AFTER THIRTY-SIX YEARS MY HEALTH DICTATES THAT I RETIRE TO THE SIDELINES. THIS YEARS HAVE BEEN INTERESTING, I BELIEVE WORTHWHILE AND ALMOST ALWAYS HAPPY ONES. I SAY "ALMOST" ALWAYS AND IT WAS NOT VERY HAPPY FOR US THOSE TAKING CARE OF THE 1916 INFANTILE PARALYSIS EPIDEMIC OR IN 1918 WITH ITS INFLUENZA SCOURGE (OVER 29,000 CASES AND 1300 INFLUENZA DEATHS AND 850 PNEUMONIA DEATHS WITHIN THREE MONTHS) AND WITH NO VIRUS VACCINE OR PENICILLIN TO HELP US.

BEFORE PROCEDING WITH THE 1950 REPORT, SO SIMILAR TO MANY PREVIOUS ONES WITH NEW EFFORTS AND NEW HEALTH RECORDS, MAY I REMINISCE AND MENTION A FEW OF THE MORE INTERESTING OR DRAMATIC EVENTS DURING THOSE YEARS. THE TWO EPIDEMICS MENTIONED ABOVE, OF COURSE, NEVER BE FORGOTTEN BUT HERE ARE A FEW MEMORIES:

SMALLPOX VACCINATION — IN 1936 WE HAD FOUR OR FIVE MILD AND RECOVERED CASES OF SMALLPOX WHICH HAD COME TO OUR CITY FROM THE SOUTH. NEWARK HAD DROPPED IN VACCINATION RATE DUE TO THE MANY WHO HAD SETTLED HERE DURING THE FIRST WORLD WAR FROM IN COUNTRY AREAS. FOLLOWING THESE FEW CASES, I DECLARED AN "EPIDEMIC" AND UNDER THAT AUTHORITY ROPED OFF HUNDREDS OF BLOCKS, VACCINATING EVERY ADULT THEREIN, USING EMPTY STORES, TABLES ON THE STREET, AND EVEN IN PADDOCKS. IN TWO WEEKS WE VACCINATED 126,000. NEWARK WAS AGAIN AND STILL IS A SAFELY VACCINATED COMMUNITY.

DIPHTHERIA IMMUNIZATION — IN 1929 WE HAD 1717 CASES OF DIPHTHERIA AND 96 DEATHS. WE BEGAN IMMUNIZATION, OPENED CLINICS, THE PUBLIC BELIEVED OUR PROMISES, AND THE DOCTORS ALSO COOPERATED. DIPHTHERIA IMMUNIZATION WAS GIVEN AT PRIORITY. TODAY DIPHTHERIA IS PRACTICALLY GONE. WE HAVE HAD ONLY TWELVE CASES AND NOT ONE DEATH IN SEVEN YEARS

DOMESTIC EMPLOYEE EXAMINATION — SOME YEARS AGO, WE NOTICED THAT ANY VENEREAL DISEASE CLINIC PATIENTS GAVE HISTORIES OF WORKING IN PRIVATE HOMES. INSTITUTED COMPULSORY ANNUAL EXAMINATIONS OF DOMESTICS SIMILAR TO FOOD HANDLERS, THE FIRST HEALTH DEPARTMENT TO DO SO. WAS IT WORTHWHILE? THIS IS THE ANSWER. OF THE FIRST 10,000 TESTED, 1800 WERE POSITIVE FOR SYPHILIS AND 900 OF THESE HAD NOT SUSPECTED THE DISEASE. THEY WERE IMMEDIATELY PLACED UNDER TREATMENT. THE SPIROCHETE COULD DO NO FURTHER DAMAGE, PATIENS CEASED TO BE INFECTIOUS TO OTHERS AND NO ONE ESTIMATE HOW MANY OF THESE 900 MIGHT HAVE BECOME PUBLIC CHARGES IN ALMS HOUSES, INSANE ASYLUMS, OR OCCUPY CHRONIC HOSPITAL BEDS.

HEALTH RATES - THEN & NOW — IN 1915, I FOUND A CONGESTED INDUSTRIAL CITY OF 375,000. THE FOLLOWING ARE SOME OF THE HEALTH RATES OF THAT YEAR AND THE RATES FOR 1950. THEY SPEAK FOR THEMSELVES.

	1915	1950	
CRUDE DEATH RATE	14.3	11.5	
T. B. DEATH RATE	198.0	47.2	(LOWEST EVER)
INFANT MORTALITY RATE	85.3	27.4	(LOWEST EVER)
NEO-NATAL MORTALITY	48.9	5.2	(LOWEST EVER)
DIARRHEA DEATHS (UNDER 5)	330	8	(PRINCIPAL INF. MORT. REDUCTION)
DEATHS OVER 65	14%	43%	(LONGER LIFE)
TYPHOID FEVER	2.9	NONE IN 5 YEARS	
DIPHTHERIA MORTALITY RATE	13.1	NONE IN 7 YEARS	

I WISH AT THIS TIME TO THANK THE NEWARK PUBLIC FOR ITS CONFIDENCE AND COOPERATION, A SPECIAL THANK YOU TO OUR PRIVATE PHYSICIANS AND MY SPECIAL THANKS AND COMMENDATION TO THE DEPARTMENT PERSONNEL FROM MY ASSISTANT HEALTH OFFICER AND DIVISION HEADS TO THE LOWEST STAFF WORKER. THEY MADE OUR ACCOMPLISHMENTS POSSIBLE.

NEWARK, N.J.
MAR. 1, 1951

Charles V Crowter M.D., D.P.H.
HEALTH OFFICER

WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DEPARTMENT BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASE. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG AND RABIES CONTROL; INSURE GOOD PLUMBING; INFANT BOARDING HOME SUPERVISION; LODGING HOUSE SUPERVISION, AND DOZENS OF OTHER INCIDENTAL HEALTH WORKS -

BUT ALSO

1 - MEDICAL CARE OF THE POOR - APPROXIMATELY $350,000 IS SPENT IN THE MEDICAL CARE OF THE POOR,- CLINIC TREATMENTS, HOME DOCTOR AND NURSE TREATMENTS, ETC.
CURING THE SICK, KEEPS THEM OFF THE RELIEF ROLL.

2 - DISEASE CONTROL - ALMOST ONE HUNDRED THOUSAND SCREEN-TESTING CHEST X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC. -- CURE IS ALSO POSSIBLE IN EARLY STAGES.

3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS, WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE.

4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 13,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE FOR PUBLIC SCHOOL CHILDREN BY THE BOARD OF EDUCATION.

5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 10,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY,

6 - CLEAN FOOD - SECURE MAXIMUM SANITATION IN EVERY FOOD ESTABLISHMENT, WHERE THE PUBLIC HAS NO OTHER PROTECTION. WE EVEN INSTRUCT RESTAURANT HELP TO PREVENT FOOD INFECTIONS.

7 - PURE MILK - INSURE A PURE SUPPLY OF MILK; 2,000,000 QUARTS PER WEEK. (THE MAJOR FOOD OF INFANTS AND CHILDREN).

8 - INDUSTRIAL HEALTH - MAINTAIN HEALTHFUL WORKING CONDITIONS IN MORE THAN 1,000 INDUSTRIAL PLANTS.

9 - CONTAGION - CONTROL & PREVENTION - NOT ONLY PREVENT SPREAD OF CONTAGIOUS DISEASE, BUT CAMPAIGN FOR PROTECTION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.

DEPARTMENT OF HEALTH

NEWARK, N. J.

HEALTH OFFICER - - - - - - - - - - - - - - - - - CHARLES V. CRASTER, M.D., D.P.H.

MEDICAL INVESTIGATOR - - - - - - - - - - - - - - AARON H. HASKIN, M.D., M.P.H.

ASSISTANT HEALTH OFFICERS

ROBERT F. MORGAN
EXECUTIVE DIVISION

CHRISTOPHER C. NUGENT, JR.
SANITARY DIVISION

JOSEPH E. CONNOLLY
FOOD & DRUG DIVISION

MEDICAL DIVISION HEADS

CHILD HYGIENE
JULIUS LEVY, M.D.

CONTAGION
JOSEPH A. GARDAM, M.D.

CHEST DISEASES
IRVING WILLNER, M.D.

VENEREAL DISEASE
EDMOND EDELSON, M.D.

OCCUPATIONAL
WILLIAM T. RUMAGE, M.D.

CITY DISPENSARY
PASCAL BAIOCCHI, M.D.

* * *

CHIEF BACTERIOLOGIST
HAROLD A. TARBELL, M.D.

CHIEF VETERINARIAN
MICHAEL J. HUGHES, D.V.S.

PATHOLOGIST
HARRISON S. MARTLAND, M.D.

CHIEF PHARMACIST
OSCAR B. STEVENS, PH.G.

CITY CHEMIST
HALSEY DURAND, B.S.

CHIEF DENTAL SUPERVISOR
LEO J. MCMANUS, D.D.S.

* * *

CHIEF INSPECTOR, PLUMBING	CHARLES A. HALLGRING
CHIEF INSPECTOR, CONTAGION	WILLIAM S. JENNINGS
CHIEF INSPECTOR, SANITATION	JOHN F. LYNCH
CHIEF INSPECTOR, INDUSTRIAL HYGIENE	CHARLES J. MAGUIRE
CHIEF INSPECTOR, FOOD & DRUG	DAVID E. MORGAN
CHIEF INSPECTOR, FUMIGATION	EDWARD A. SMITH
DIRECTOR, PUBLIC HEALTH NURSING SERVICE	HELVINA H. RYAN, R.N.
SUPERVISOR, CHILD HYGIENE NURSES	MEREDITH EHRICH, R.N.
SUPERVISOR, TUBERCULOSIS NURSES	MAE C. JACKENHUTH, R.N.
SUPERVISOR, PAROCHIAL SCHOOL NURSES	ANNE T. REILLY, R.N.
SUPERVISOR, VISUAL HEALTH EDUCATION	PETER COVEN

CITY OF NEWARK, NEW JERSEY

FIVE CITY COMMISSIONERS (ELECTED FOR 4 YRS)
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS &C

NEWARK HEALTH DEPARTMENT
ORGANIZATION
ALL EMPLOYEES-CIVIL SERVICE

ONE OF THESE
DIRECTOR OF PUBLIC AFFAIRS
HAS CHARGE OF
HOSPITALS - HEALTH - RELIEF, ETC.

DEPARTMENT ENFORCES
STATE LAWS AND
LOCAL ORDINANCES ON HEALTH

HEALTH DEPT

HEALTH OFFICER
EXECUTIVE HEAD
EXECUTIVE DIVISION
ADMINISTRATION, VITAL
STATISTICS, EDUCATION,
MAINTENANCE, ETC.

LABORATORIES
CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL,
SERVE ALL DIVISIONS

DISPENSARY CLINICS
TREATMENT OF INDIGENT PATIENTS &
HOME VISITS BY DOCTORS & NURSES

SANITATION

FOOD & DRUG
CONTROL
DIV.

MEAT
INSPECTION
DIV.

INDUSTRIAL
HYGIENE
DIV.

PLUMBING
DIV.
NEW
PLUMBING

NURSING & CHILD HEALTH

PARCHIAL
SCHOOL
HEALTH EDUC

CHILD
HYGIENE
DIV.

CHILDREN'S
DENTAL
CLINICS

BABY
KEEPING WELL
STATIONS

SANITARY
DIV.
ENVIRONMENTAL
SANITATION
DOG CONTROL &C

COMMUNICABLE
DISEASE
DIV.

CHEST DISEASE
DIV.
CONTROL &
CLINICS

VENEREAL
DISEASE
DIV.
CONTROL &
CLINICS

FOREIGNERS
SPEC. GROUPS

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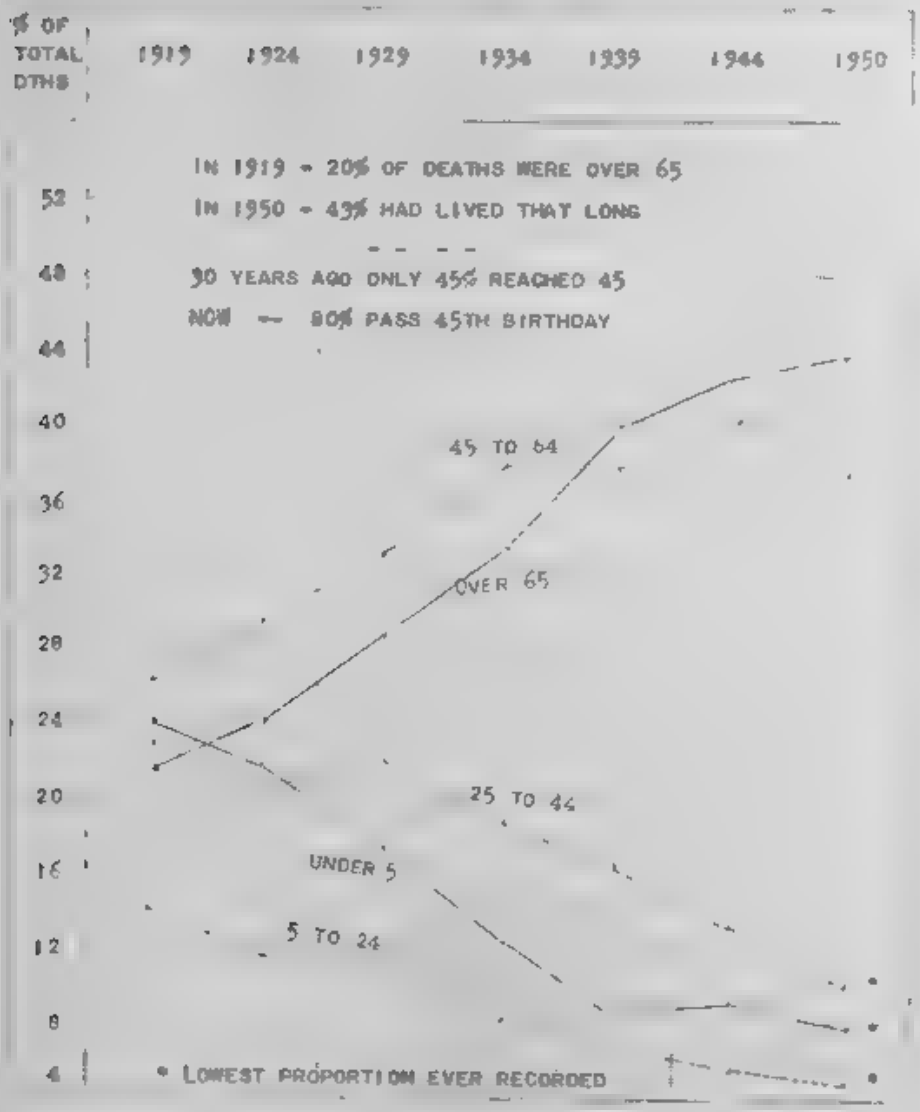
NEWARK - NJ

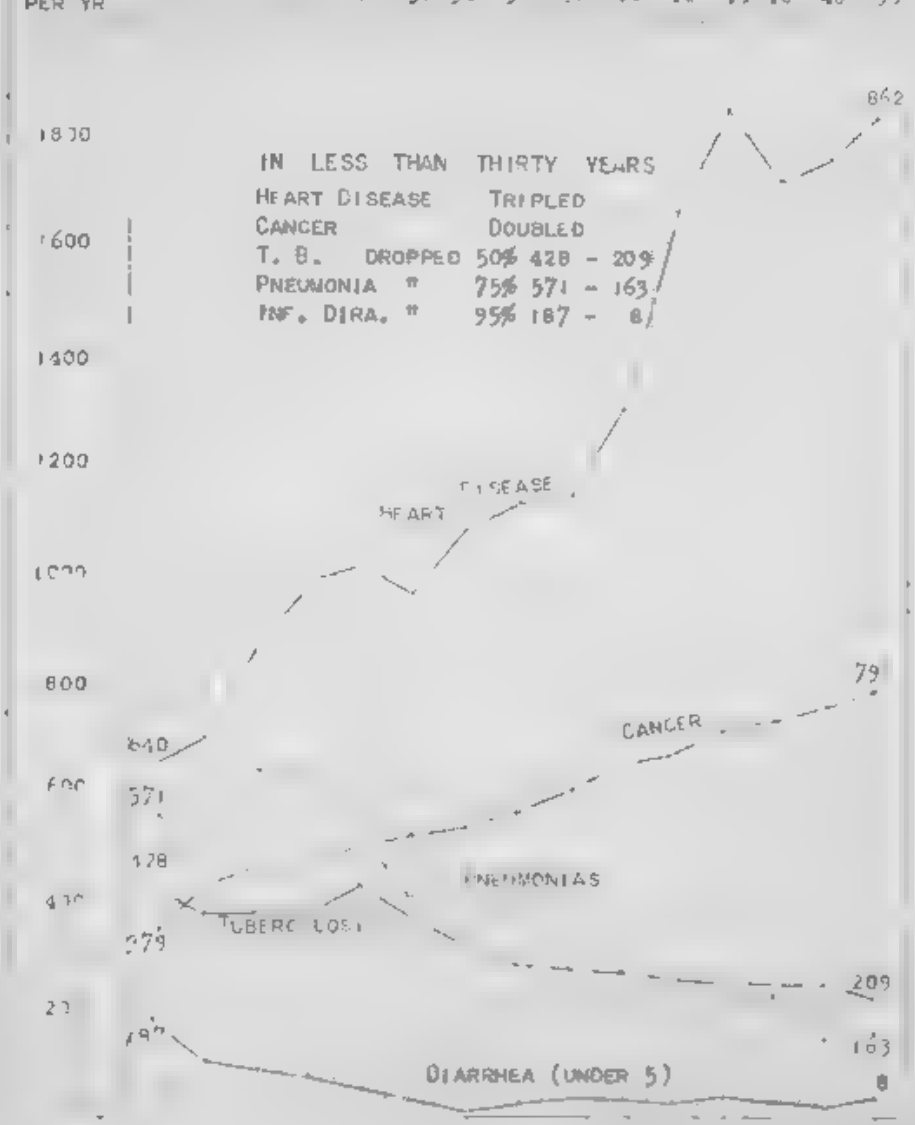
MORTALITY TRENDS BY AGE

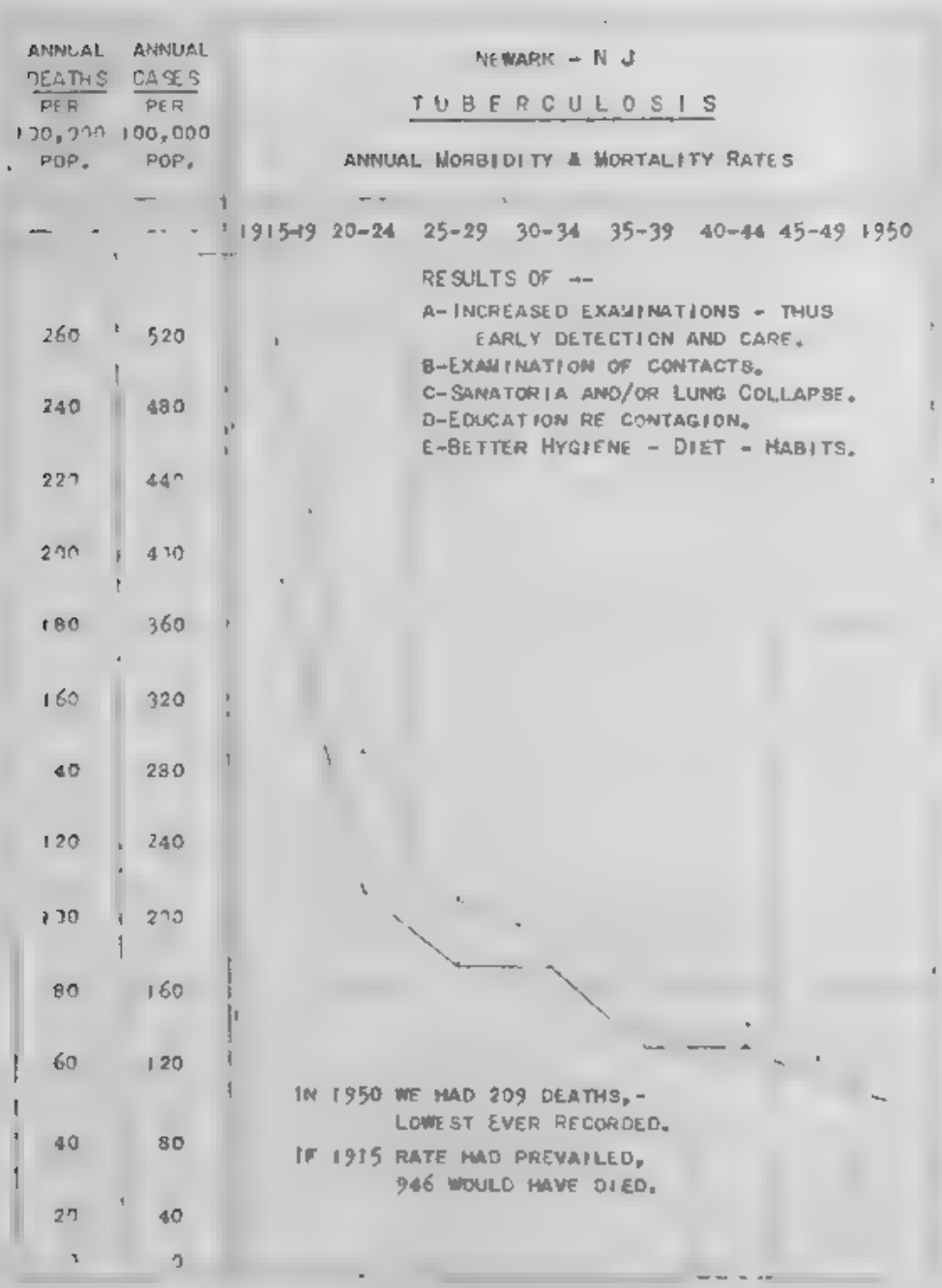
PEOPLE LIVE LONGER

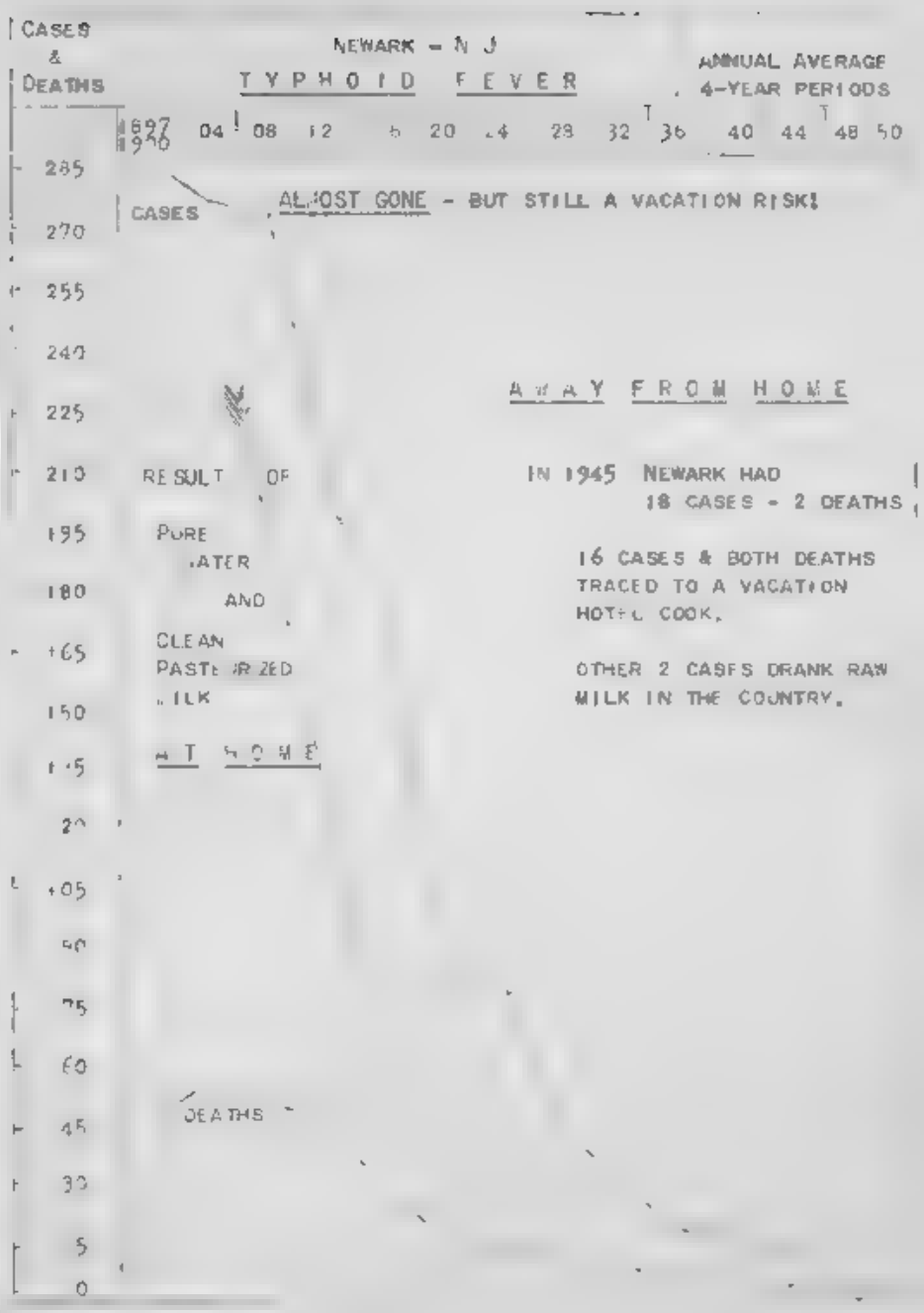


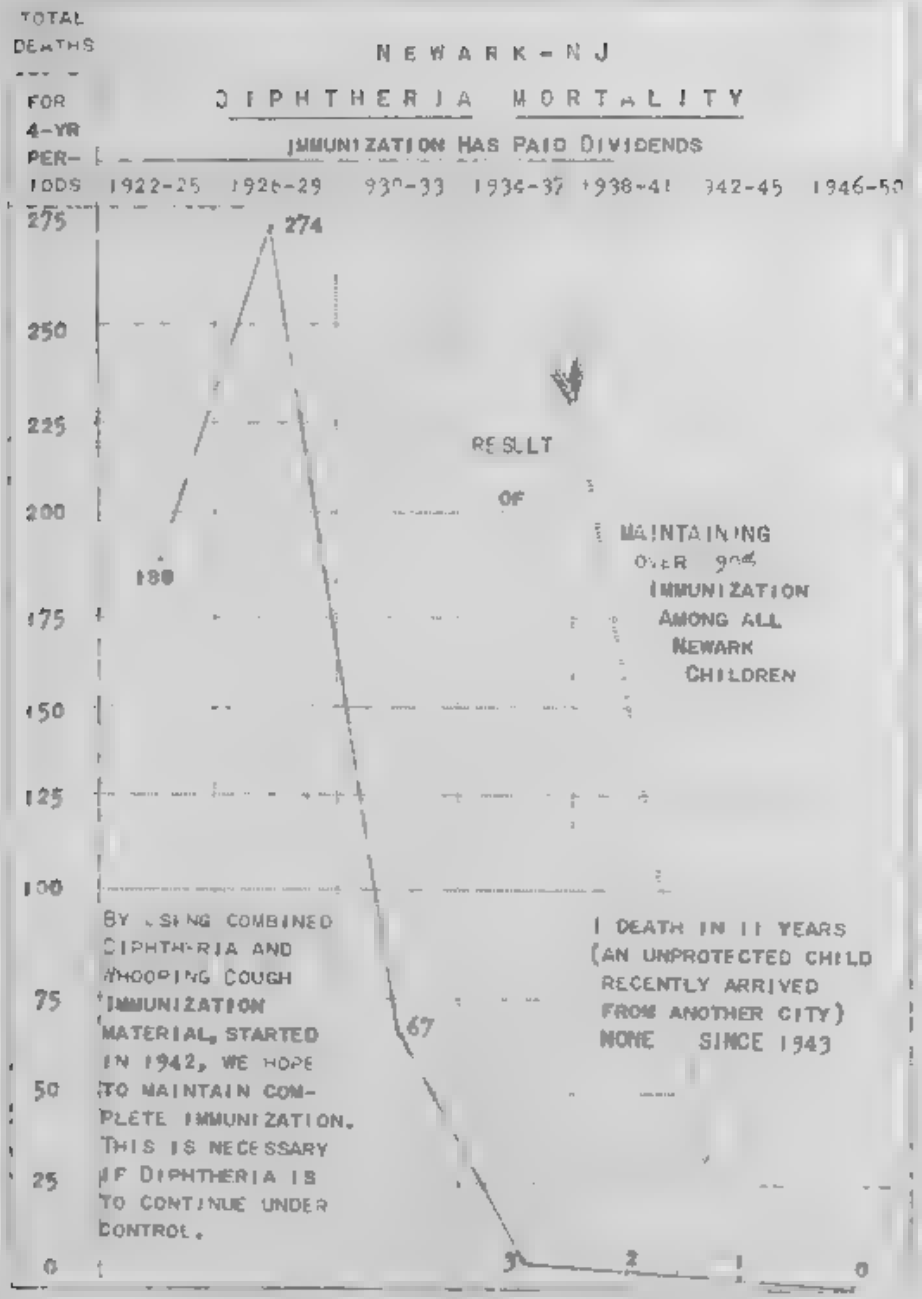
NEWARK - NJ

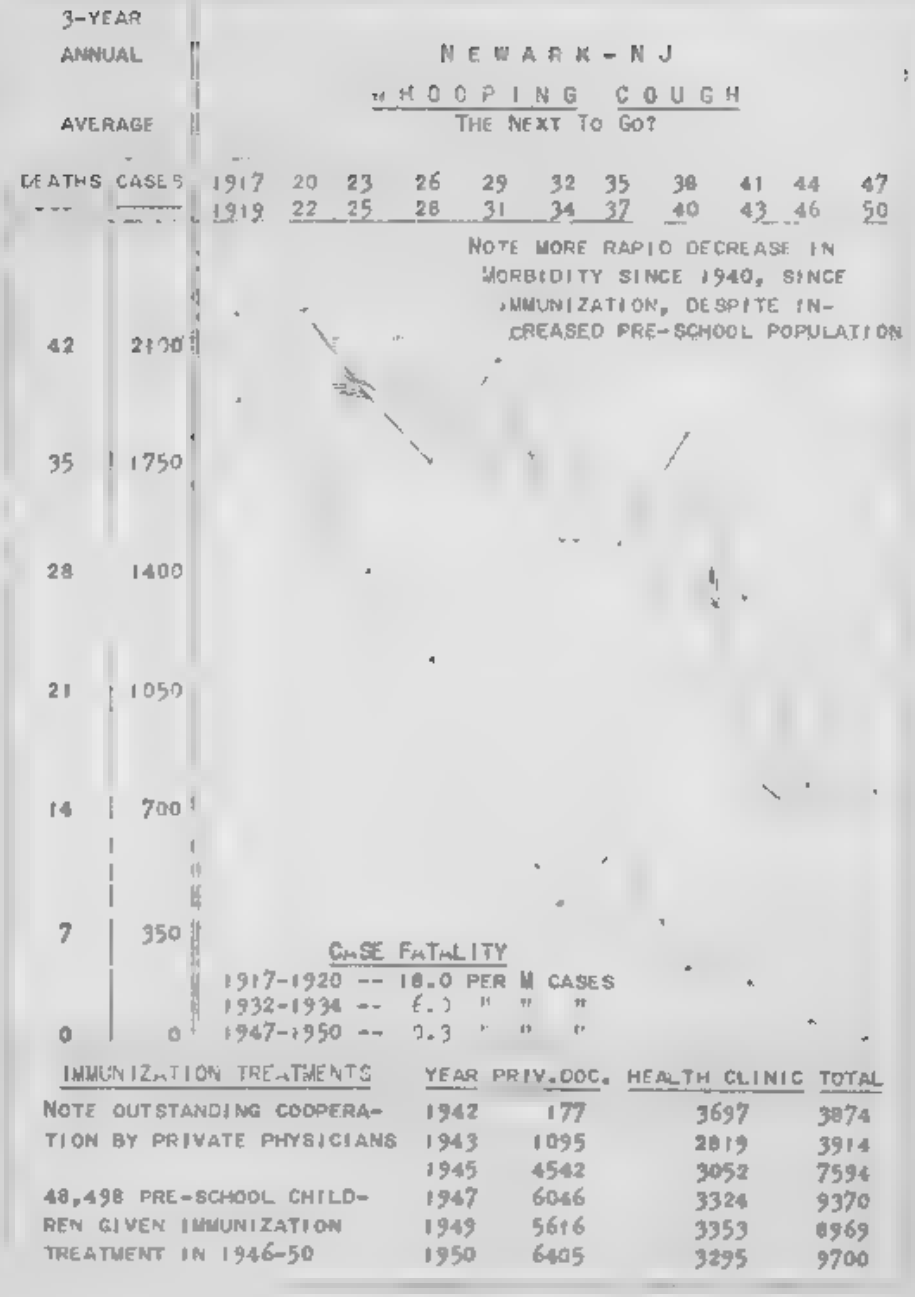
TRENDS IN MAJOR CAUSES OF DEATH



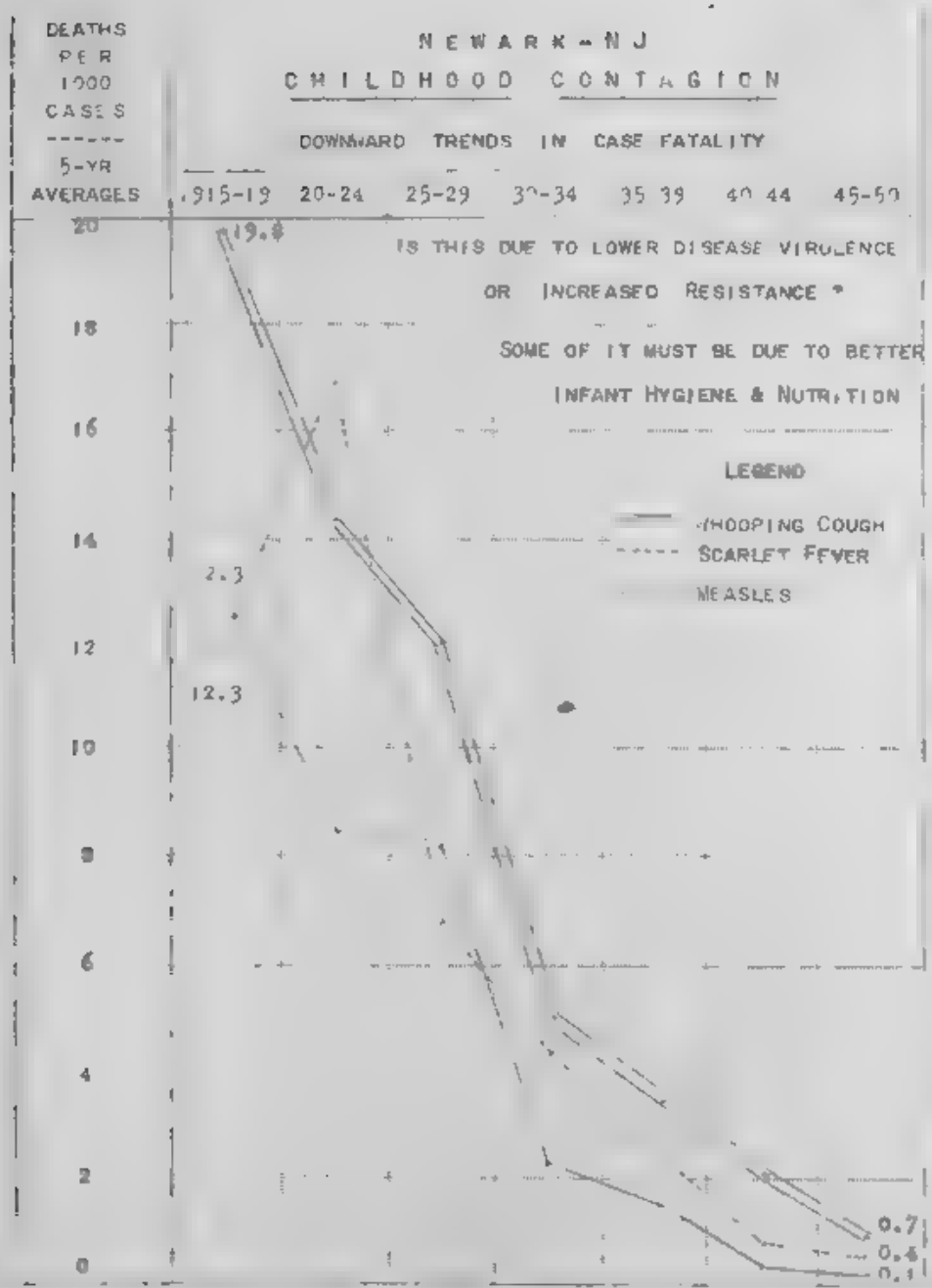

ANNUAL DEATHS PER 100,000 POP.
ANNUAL CASES PER 100,000 POP.
NEWARK - N J
TUBERCULOSIS
ANNUAL MORBIDITY & MORTALITY RATES
1915-19 20-24 25-29 30-34 35-39 40-44 45-49 1950
260 520
240 480
220 440
200 400
180 360
160 320
140 280
120 240
100 200
80 160
60 120
40 80
20 40
0
RESULTS OF --
A-INCREASED EXAMINATIONS - THUS EARLY DETECTION AND CARE.
B-EXAMINATION OF CONTACTS.
C-SANATORIA AND/OR LUNG COLLAPSE.
D-EDUCATION RE CONTAGION.
E-BETTER HYGIENE - DIET - HABITS.
IN 1950 WE HAD 209 DEATHS,- LOWEST EVER RECORDED.
IF 1915 RATE HAD PREVAILED, 946 WOULD HAVE DIED.

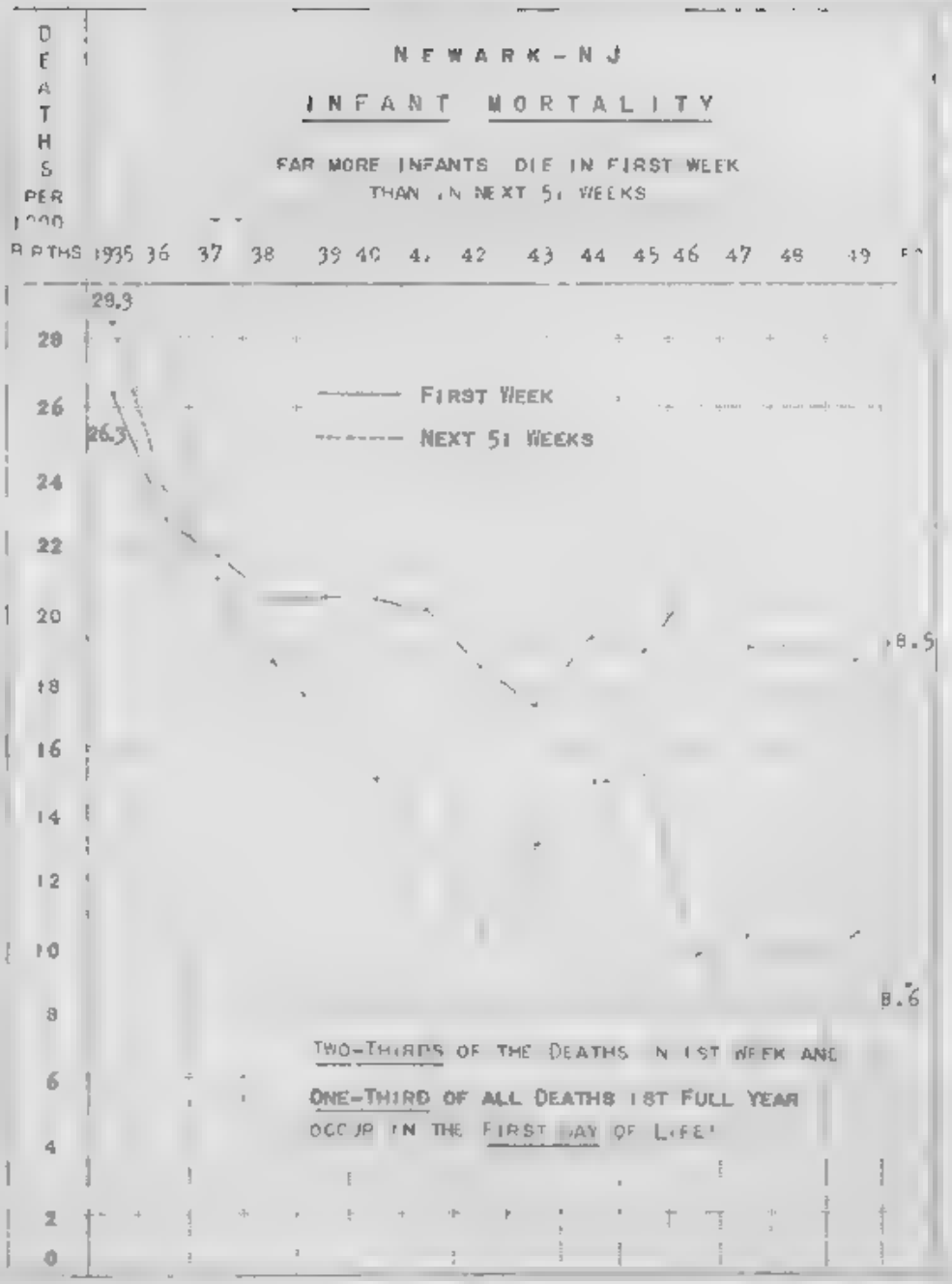

CASES & DEATHS
NEWARK - N J
TYPHOID FEVER
ANNUAL AVERAGE 4-YEAR PERIODS
1897 1900 04 08 12 16 20 24 28 32 36 40 44 48 50
285
270
255
240
225
210
195
180
165
150
135
120
105
90
75
60
45
30
15
0
CASES
ALMOST GONE - BUT STILL A VACATION RISK!
RESULT OF PURE WATER AND CLEAN PASTEURIZED MILK AT HOME
DEATHS
AWAY FROM HOME
IN 1945 NEWARK HAD 18 CASES - 2 DEATHS
16 CASES & BOTH DEATHS TRACED TO A VACATION HOTEL COOK.
OTHER 2 CASES DRANK RAW MILK IN THE COUNTRY.

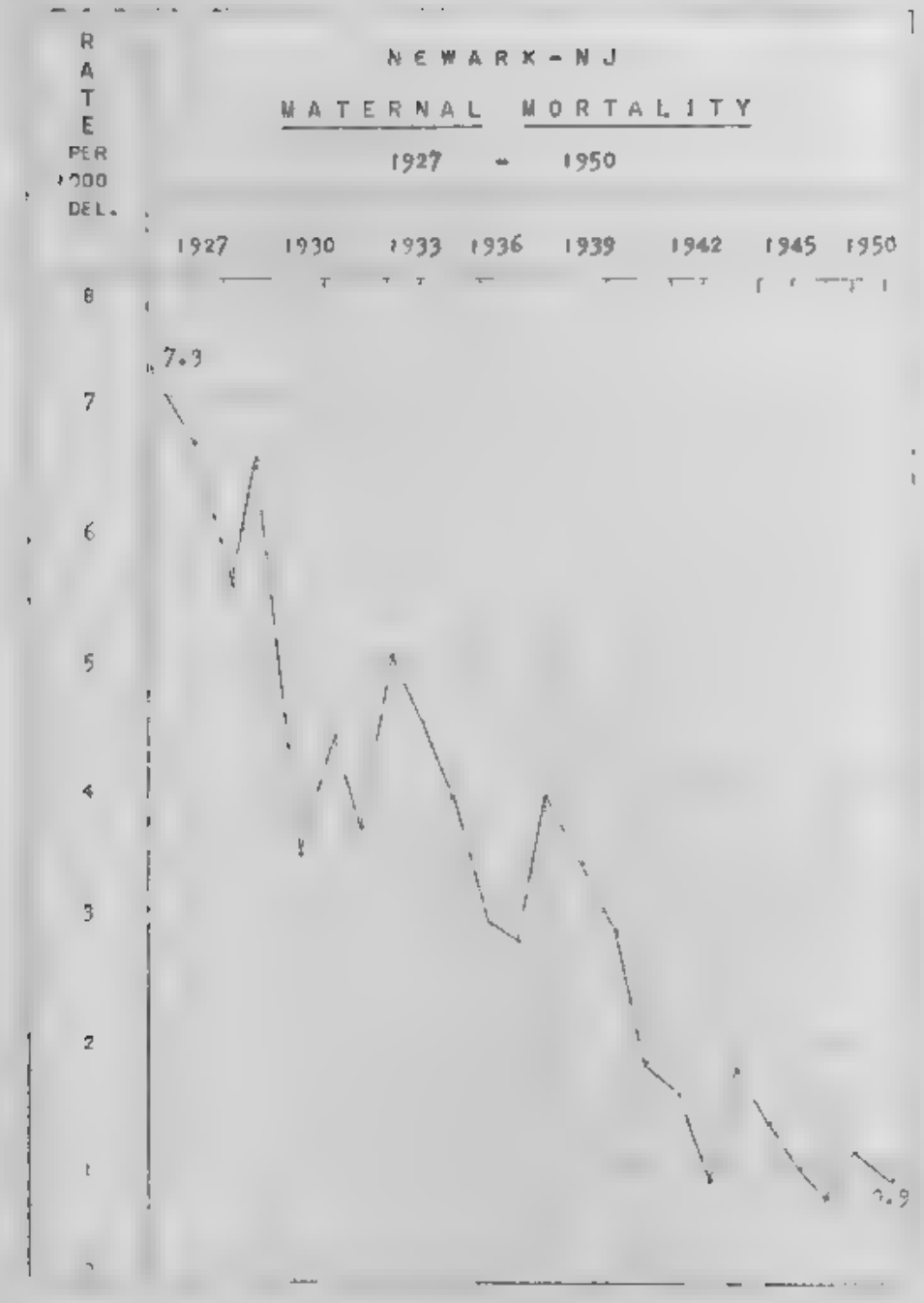


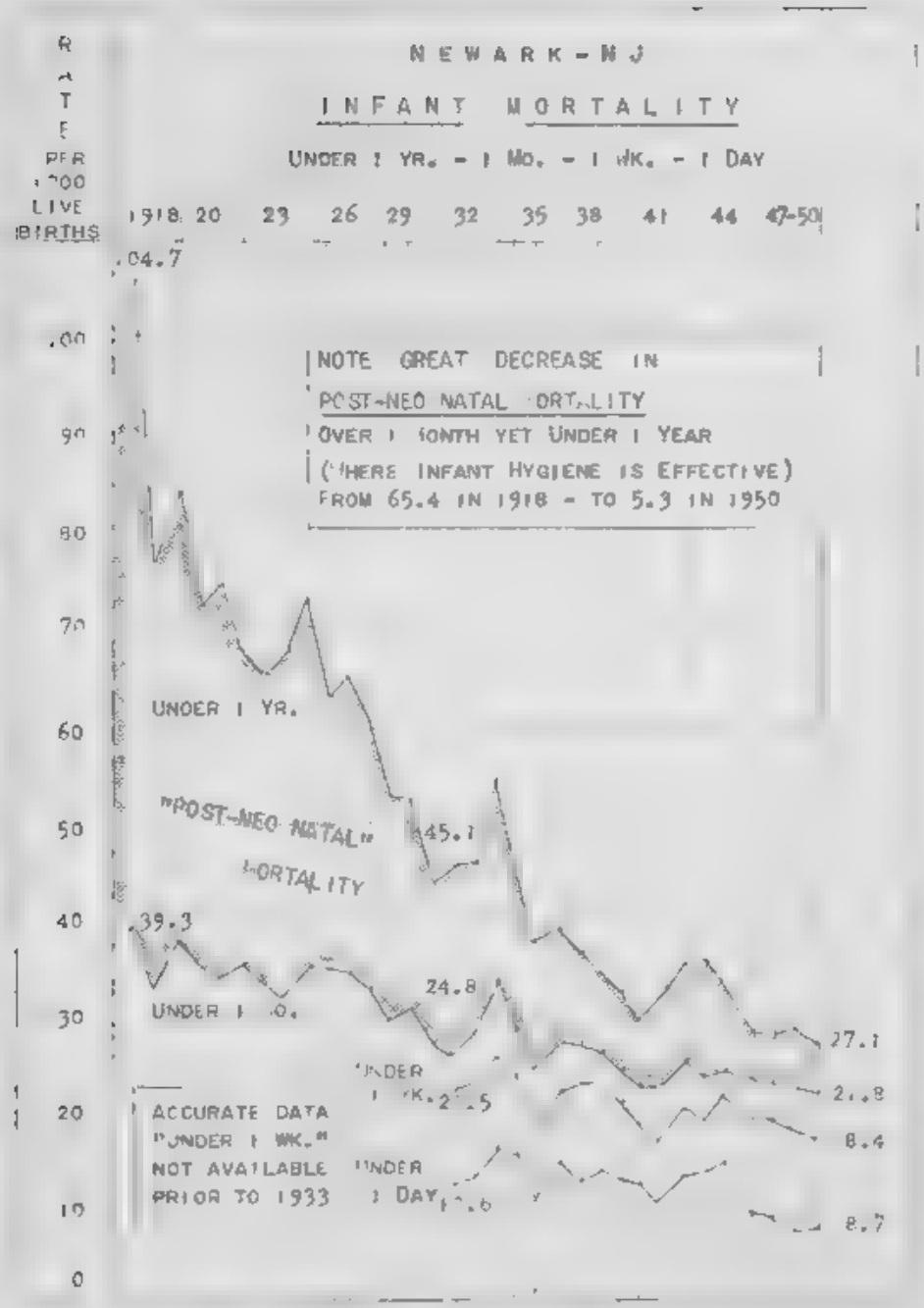


IMMUNIZATION TREATMENTS	YEAR	PRIV. DOC.	HEALTH CLINIC	TOTAL
NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIANS	1942	177	3697	3874
	1943	1095	2819	3914
	1945	4542	3052	7594
48,498 PRE-SCHOOL CHILDREN GIVEN IMMUNIZATION TREATMENT IN 1946-50	1947	6046	3324	9370
	1949	5616	3353	8969
	1950	6405	3295	9700


NEWARK-NJ
CHILDHOOD CONTAGION
DOWNWARD TRENDS IN CASE FATALITY
DEATHS PER 1000 CASES
5-YR AVERAGES
1915-19
20-24
25-29
30-34
35-39
40-44
45-50
19.8
2.3
12.3
0.7
0.4
0.1
IS THIS DUE TO LOWER DISEASE VIRULENCE
OR INCREASED RESISTANCE ?
SOME OF IT MUST BE DUE TO BETTER
INFANT HYGIENE & NUTRITION
LEGEND
WHOOPING COUGH
SCARLET FEVER
MEASLES


NEWARK-NJ
INFANT MORTALITY
FAR MORE INFANTS DIE IN FIRST WEEK
THAN IN NEXT 51 WEEKS
DEATHS PER 1000 BIRTHS
1935
36
37
38
39
40
41
42
43
44
45
46
47
48
49
29.3
26.3
8.5
8.6
FIRST WEEK
NEXT 51 WEEKS
TWO-THIRDS OF THE DEATHS IN 1ST WEEK AND
ONE-THIRD OF ALL DEATHS 1ST FULL YEAR
OCCUR IN THE FIRST DAY OF LIFE!


NEWARK - NJ
MATERNAL MORTALITY
1927 - 1950
RATE PER 1000 DEL.
1927 1930 1933 1936 1939 1942 1945 1950
8
7
6
5
4
3
2
1
7.3
0.9


NEWARK - NJ
INFANT MORTALITY
UNDER 1 YR. - 1 MO. - 1 WK. - 1 DAY
RATE PER 1000 LIVE BIRTHS
1918 20 23 26 29 32 35 38 41 44 47-50
100
90
80
70
60
50
40
30
20
10
0
NOTE GREAT DECREASE IN
POST-NEO NATAL MORTALITY
OVER 1 MONTH YET UNDER 1 YEAR
(WHERE INFANT HYGIENE IS EFFECTIVE)
FROM 65.4 IN 1918 - TO 5.3 IN 1950
UNDER 1 YR.
"POST-NEO NATAL" MORTALITY
45.1
39.3
24.8
UNDER 1 MO.
UNDER 1 WK.
UNDER 1 DAY
27.1
2.8
8.4
8.7
ACCURATE DATA "UNDER 1 WK." NOT AVAILABLE PRIOR TO 1933

HEALTH REPORT - 195[illegible]

[illegible]

CHARLES V. CRASTER, M.D., D.P.H., -- HEALTH OFFICER

TO HONORABLE STEPHEN J. MORAN, DIRECTOR OF PUBLIC AFFAIRS

AND TO THE CITIZENS OF NEWARK, N. J.

NEWARK'S HEALTH -- 195[illegible]

DURING THE PAST YEAR SICKNESS AND DEATH RATES IN NEWARK CONTINUED TO BE EXCELLENT AND THOSE RATES CONSIDERED TO BE THE MOST SIGNIFICANT IN DETERMINING PUBLIC HEALTH AGAIN SET "LOWEST EVER" RECORDS, NAMELY INFANT AND TUBERCULOSIS MORTALITY. SUCH RECORDS ARE NOT MERE COINCIDENT. ONLY BY CONTINUED, ENERGETIC, AND INTELLIGENT EXPENDITURE OF EFFORT COULD THEY BE ACHIEVED.

THERE WERE 5,126 DEATHS FROM ALL CAUSES IN 1950 INCLUDING 927 NON-RESIDENTS WHO DIED IN NEWARK HOSPITALS. THIS GAVE US A CRUDE MORTALITY RATE OF 11.5 PER 1000 POPULATION, OR THE SAME AS IN 1949 AND SLIGHTLY LESS THAN THE NORMAL RATE FOR THE PAST TEN YEARS.

BIRTHS NUMBERED 13,174 DURING THE YEAR OR A RATE OF 29.7 PER 1000 POPULATION. THIS IS A CONTINUATION OF THE SLOW DECLINE EACH YEAR SINCE THE HIGH PEAK OF 1947. THIS RATE HAD RAPIDLY INCREASED FROM THE LOWEST RATE EVER RECORDED WHICH WAS 15.8 IN 1936 UNTIL IT REACHED THE HIGH PEAK OF 14,710 OR A BIRTH RATE OF 33.1 IN 1947.

ITEMS OF SPECIAL INTEREST

INFANT MORTALITY LOWEST ON RECORD

INFANT MORTALITY ONCE AGAIN SET A NEW LOW RECORD. THERE WERE 357 DEATHS UNDER ONE YEAR OF AGE WHICH GAVE A RATE OF 27.1 PER THOUSAND LIVING BIRTHS. THE LOWEST EVER RECORDED HERETOFORE WAS 1948 WITH A RECORD OF 28.3.

INFANT HYGIENE WAS STARTED AS A PUBLIC HEALTH PROJECT IN OUR DEPARTMENT 38 YEARS AGO. AT THAT TIME, THE RATE AVERAGED 91 DEATHS UNDER ONE YEAR PER 1000 BIRTHS. OUR GOAL WAS TO REDUCE THAT RATE 50%. THAT GOAL WAS REACHED IN 1932 WHEN IT FELL BELOW 50. IN 1937 IT FELL BELOW 40 AND IN 1942 IT FELL BELOW 30. HAD THE RATE OF 38 YEARS AGO PREVAILED, 1,267 BABIES UNDER ONE YEAR OF AGE WOULD HAVE DIED LAST YEAR INSTEAD OF 357, A SAVING OF 910 BABIES' LIVES IN ONE YEAR. AN EVEN FAIRER WAY OF APPRAISING REDUCTION IN INFANT MORTALITY IS THE RATE WE CALL POST-NEONATAL MORTALITY OR THE DEATHS AMONG INFANTS WHO SURVIVE THE FIRST MONTH BUT DIED BETWEEN ONE MONTH AND ONE YEAR OF AGE. VERY LITTLE CAN BE DONE TO PREVENT MOST INFANT DEATHS WHICH OCCUR IN THE FIRST MONTH AS MOST OF THEM ARE DUE TO CONGENITAL CONDITIONS OR ACCIDENTS AT BIRTH. THIRTY YEARS AGO THAT RATE WAS 46 PER 1000; THIS YEAR A NEW LOW WAS ESTABLISHED OF 5.2 OR A REDUCTION OF ALMOST 90%. CYNICS SOME YEARS AGO CLAIMED THAT REDUCING INFANT MORTALITY UNDER ONE YEAR OF AGE WAS MERELY PROLONGING THE LIVES OF SICKLY BABIES WHO WOULD DIE IN THE NEXT FEW YEARS ANYWAY. THAT THIS IS NOT SO IS PROVEN BY THE FACT THAT EVERY AGE GROUP FROM ONE YEAR OF AGE TO FORTY-FIVE YEARS OF AGE HAS STEADILY AND CONSIDERABLY DROPPED. FOR EXAMPLE, ALL DEATHS UNDER FIVE YEARS IN 1950 WAS 403, THE LOWEST EVER RECORDED. DEATHS FROM FIVE TO FIFTEEN NUMBERED 28, THE LOWEST EVER, AND THE TOTAL DEATHS UNDER TWENTY-FIVE NUMBERED 512, ALSO THE LOWEST EVER.

TUBERCULOSIS MORTALITY LOWEST EVER

THE 209 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 47.2 PER 100,000, THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY.

THIS RATE IN PARTICULAR IS ENCOURAGING INASMUCH AS TUBERCULOSIS IS A CONTAGIOUS DISEASE. FORTUNATELY IT USUALLY REQUIRES FREQUENT OR MASS EXPOSURE TO SPREAD THE DISEASE. THERE CAN BE NO QUESTION, HOWEVER, THAT IN SLUM DWELLINGS, WHICH ARE STILL

WITH US, HERE MANY ADULT AND CHILDREN LIVE IN OVERCROWDED QUARTERS, ITS INCIDENT OR DEFICIENT SANITATION FACILITIES, LESS EXPOSURE IS ALMOST CERTAIN TO OCCUR. DURING THE PAST YEAR OUR ENVIRONMENTAL SANITATION DIVISION STARTED A CONCENTRATED DRIVE IN THE MOST CONGESTED AREAS. ALTHOUGH THE FINAL SOLUTION TO OUR HOUSING PROBLEMS THE ELIMINATION OF THE DWELLINGS AND THE CONSTRUCTION OF BETTER HOUSING, THE INDUSTRY WAS BROUGHT ABOUT CONSIDERABLE IMPROVEMENT IN MANY OF THESE BELOW-PAR TENEMENTS.

CARE OF SICK POOR — IN ADDITION TO THE MANY TYPES OF WORK WHICH CONTRIBUTE TO BETTER MORTALITY RATES, THERE ARE MANY FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DEPARTMENT BUT NOT REALIZED BY THE AVERAGE PUBLIC. FOR EXAMPLE, A MAJOR PORTION OF OUR ENTIRE BUDGET (25%), IS USED FOR THE MEDICAL CARE OF THE SICK POOR. THIS INCLUDES ALL OF THAT WORK OTHER THAN CARE OF PATIENTS ACTUALLY IN HOSPITALS. IT PROVIDED MORE THAN 5,000 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY THE FAMILY HAD THEIR CHOICE OF PHYSICIANS, AND APPROXIMATELY 8000 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION WERE PAID FOR. WE CONDUCT A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION, WITH MORE THAN 60,000 TREATMENTS AND 43,000 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THIS CITY INCLUDING BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN. THESE DENTAL CLINICS ARE LOCATED IN VARIOUS NEIGHBORHOODS OF THE CITY.

INFANT MENTAL HYGIENE — OUR CHILD HYGIENE NURSES MADE MORE THAN [illegible],000 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHER HAS THE SERVICES OF A REGISTERED NURSE OR VISITS A BABY-STATION, IF THEY CANNOT AFFORD TO PAY A DOCTOR, BUT ALSO TO INSTRUCT AS TO DIET, SANITARY FEEDING PRACTICES, IMMUNIZATION, AND MANY OTHER PHYSICAL MATTERS. THEY EVEN INSTRUCT THE MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE INFANTILE BEHAVIOR PROBLEMS, WHICH IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY WOULD OFTEN RESULT IN WARPED ADULT PERSONALITIES. ALL THOSE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD.

FOOD HANDLER LECTURES — TO PREVENT FOOD INFECTIONS WE NOT ONLY INSPECT FOOD PLACES AND EXAMINE FOOD HANDLERS, BUT OUR DEPARTMENT PROVIDES LECTURE COURSES FOR FOOD HANDLERS WHICH WERE ATTENDED BY MORE THAN 1000 THIS YEAR.

GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,126 OR A CRUDE RATE OF 11.5 PER 1000 ON AN ESTIMATED POPULATION OF 443,000. THIS WAS THE SAME AS 1949 AND SLIGHTLY BELOW THE TEN YEAR NORMAL OF 11.6. AS NEWARK HAS ALWAYS BEEN A HOSPITAL CENTER FOR MANY NEARBY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK FAR EXCEED THE DEATHS OF NEWARKERS DYING OUT OF TOWN. SUBTRACTING THE 927 NON-RESIDENT DEATHS, BUT INCLUDING 92 KNOWN DEATHS (MOSTLY TUBERCULOSIS) OF NEWARKERS, IN OUTSIDE INSTITUTIONS, WE HAVE A TOTAL OF 4,292 DEATHS AND AN ADJUSTED MORTALITY RATE OF 9.6, ONE POINT HIGHER THAN 1949 WHEN 9.5 WAS THE LOWEST ON RECORD.

CRUDE AND ADJUSTED DEATH RATES

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATHS RATE	ADJUSTED DEATHS	ADJUSTED DEATH RATE
1940	429,000	5,025	11.7	4,762	11.1
1941	429,000	4,983	11.6	4,415	10.3
1942	429,000	5,090	11.9	4,659	10.8
1943	440,000	5,523	12.6	5,043	11.5
1944	440,000	5,052	11.6	4,535	10.3
1945	443,000	5,141	11.6	4,586	10.4
1946	443,000	4,937	11.1	4,395	9.9
1947	445,000	5,097	11.2	4,411	9.9
1948	445,000	5,222	11.7	4,382	9.8
1949	443,000	5,086	11.5	4,229	9.5
1950	443,000	5,126	11.5	4,292	9.6

PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF OUR 5,126 NEWARK DEATHS, INCLUDING ALL NON-RESIDENTS AND 92 TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANATORIA, WERE AS FOLLOWS:

	1948	1949	1950
ORGANIC HEART DISEASE	1804	1728	1862
CANCER	780	795	791
APOPLEXY	485	478	428
CONGENITAL CONDITIONS	317	301	293
BRIGHT'S DISEASE	276	249	246
PNEUMONIA & RESPIRATORY DIS.	235	243	262
TUBERCULOSIS	232	211	209

TUBERCULOSIS (LOWEST EVER) THE 209 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 47.2 PER 100,000, THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY. THIS RATE, WHEN TUBERCULOSIS WORK WAS STARTED, SOME 40 YEARS AGO, AVERAGED 200. HAD THAT RATE PREVAILED IN 1950, WE WOULD HAVE HAD 900 DEATHS INSTEAD OF 209. THE PRESENT DROP IS PARTICULARLY ENCOURAGING. FOR OVER 25 YEARS, UP TO 1944, THE DROP HAD BEEN STEADY FROM YEAR TO YEAR, BUT FOR THREE YEARS, IT REMAINED STATIONARY BETWEEN 55 AND 59. INCREASED EFFORT IS AGAIN STARTING IT ON THE WAY DOWN.

HEART DISEASE THE FIRST CAUSE OF MORTALITY WAS AGAIN ORGANIC HEART DISEASE WITH 1,862 DEATHS OR MORE THAN ONE-THIRD OF ALL DEATHS. THIS WAS AN INCREASE OF 134 OVER THE PREVIOUS YEAR. THE CONSTANT REDUCTION IN DEATHS FROM MORE PREVENTABLE CAUSES HAS NATURALLY CAUSED A GREAT INCREASE IN THE OLDER AGE BRACKETS, THAT IT IS NATURAL FOR DEGENERATIVE DISEASES INCLUDING HEART DISEASE TO INCREASE. THAT CAUSE STEADILY INCREASED FROM 500 DEATHS PER YEAR TO 1200 IN THE TWENTY YEARS FROM 1920 TO 1940. WHAT STRESS AND STRAIN OF WAR PLAYS A PART IS HELD AS OLDER AGE WAS SHOWN WHEN THAT CAUSE INCREASED MORE THAN 50% FROM 1200 TO THE HIGHEST EVER RECORDED OF 1805 SUCH DEATHS IN 1943. PERCENTLY ANY HEART DISEASE CASES DIED THAT YEAR WHO WOULD USUALLY HAVE LIVED SEVERAL YEARS MORE. AS A RESULT OF THAT, HEART DEATHS DECREASED SLIGHTLY FOR SEVERAL YEARS. UNDOUBTEDLY PRESENT WORLD CONDITIONS CONTRIBUTED TO THE 1950 INCREASE. AT THIS POINT IT MIGHT BE OF INTEREST TO POINT OUT THAT SUICIDES INCREASED FROM 46 TO 59, THE HIGHEST SINCE 1942 WHICH WAS EARLY IN THE SECOND WORLD WAR.

PNEUMONIA MORTALITY ANOTHER CAUSE SHOWING AN INCREASE THIS YEAR WAS PNEUMONIA WITH 163 DEATHS AMONG 1016 REPORTED CASES. THERE WERE 151 DEATHS LAST YEAR. FORMERLY 20% OF PNEUMONIA CASES DIED, BUT SULPHA DRUGS, SERA, AND PENICILLIN, CUT THAT RATE ALMOST IN HALF. FOR THE PAST TWO YEARS, IT HAS BEEN ABOUT 13%. IT IS INTERESTING TO NOTE THAT 69 OF THE 163 PNEUMONIA DEATHS WERE OVER 65 YEARS OF AGE.

DIPHTHERIA THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN THE PAST SEVEN YEARS AND NO CASE IN THE PAST TWO YEARS. IN FACT, THERE HAS BEEN ONLY 19 CASES AND 1 DEATH IN ELEVEN FULL YEARS. THAT ONE DEATH WAS AN UNIMMUNIZED CHILD WHO HAD RECENTLY COME TO NEWARK. DIPHTHERIA ONLY TWENTY YEARS AGO CAUSED MORE THAN 1,000 CASES, AND 100 DEATHS EACH YEAR. THIS IS NOT MERELY GOOD LUCK NOR A CHANGE IN THE SEVERITY OF THE DIPHTHERIA GERMS. OUR CHILD HYGIENE NURSES URGE IMMUNIZATION CONSTANTLY AND OUR CONTAGIOUS DISEASE INSPECTORS MADE 17,000 VISITS DURING THE YEAR TO SECURE THIS PROTECTION AMONG CHILDREN WHERE THE PARENTS HAD BEEN DELINQUENT IN COMPLETING THE TREATMENTS.

TYPHOID FEVER A FORMER MAJOR CAUSE OF ILLNESS AND DEATH, BEFORE PURE WATER AND PASTEURIZED MILK, WAS TYPHOID FEVER, AND IT IS INTERESTING TO REPORT THERE HAS BEEN NO TYPHOID DEATH IN NEWARK FOR FIVE YEARS AND ONLY 78 CASES DURING THAT TIME, ALL OF THEM TRACED TO INFECTION IN OTHER PARTS OF THE COUNTRY.

LONGER LIFE - AGE AT DEATH THAT WE ARE LIVING LONGER IS CLEARLY INDICATED BY A STUDY OF AGE AT TIME OF DEATH. IN 1950, THERE WERE 4,182 OUT OF 5,126 DEATHS (INCLUDING A NUMBER OF NEWARKERS DYING OUT OF TOWN) OR 80% OVER 45 YEARS OF AGE. THIRTY YEARS AGO, ONLY 45 HAD REACHED THAT AGE. THAT YEAR 43% OF ALL DEATHS HAD ACTUALLY PASSED THE AGE OF 65 COMPARED WITH LESS THAN 20% THIRTY YEARS AGO.

MATERNAL MORTALITY — DEATH OF MOTHERS AT TIME OF DELIVERY NUMBER 0 ONLY 0 OUT OF ALMOST 14,000 DELIVERIES. THIS EQUALS THE PREVIOUS LOWEST RATE. LESS THAN ONE DEATH PER 100 DELIVERIES STARTED IN 1948. NONE OF THESE 0 DEATHS WERE DUE TO SEPTICAEMIA OR INFECTION AT BIRTH. MATERNAL MORTALITY HAS DECREASED 60% IN THE PAST TEN YEARS.

MATERNAL DEATHS BY CAUSES	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
TOTAL DEATHS	29	26	22	18	9	18	16	12	0	15	12
PUERPERAL SEPTICAEMIA	2	5	2	4	-	4	2	1	-	1	-
ECTOPIC PREGNANCY	2	2	2	-	2	3	1	-	-	-	2
CAESARIAN SECTION	8	1	3	3	-	-	3	1	-	-	-
SELF-INDUCED ABORTION	-	-	-	-	-	-	-	-	-	1	-
SPONTANEOUS ABORTION	-	2	2	-	-	-	-	-	-	1	-
ECLAMPSIA	2	5	1	2	1	2	1	1	-	2	4
OTHER ACCIDENTS OF PREGNANCY	-		-	4	-	2	3		5	1	2
PLACENTA PRAEVIA	2	2	-	-	1	2	-	-	-	1	-
POST PARTUM HEMORRHAGE	4	2	4	2	-	5	2	4	4	3	1
ACCIDENTAL ABORTIONS	4	-	-	-	-	-	-	-	-	-	-
SHOCK FORCEP DELIV. BREACH PRES.	3	1	-	1	-	-	-	-	-	-	-
TOXEMIA OF PREGNANCY	2	3	-	-	-	-	1	-	-	2	1
CRIMINAL ABORTION (PUERPERAL)	-	2	2	1		-	-		-		
CARDIAC CON. PREGNANCY	-	-	4	-	3	-	1	-	-	1	1
LOBAR PNEUMONIA	-	-	1	-	-	-	-	-	-	-	-
PULMONARY EMBOLISM	-	-	1	1	-	-	1	1	-	2	-
AC. PERITONITIS FOLL. PARTURITION	-	-	-	-	-	-	-	1	-	-	-
SPIN.ANAES., NORMAL REMOVAL OF PLAC	-	-	-	-	-	-	-	1	-	-	-
HEM. SHOCK, RUPT. UTERUS, NORMAL DEL.	-	-	-	-	-	-	-	2	1	-	-
MATERNAL MORTALITY PER 1000 DELIV.	3.3	2.6	.8	1.5	0.8	1.5	.2	0.8	0.7	..	0.9

ACCIDENT DEATHS — WE REGRET TO REPORT THAT THERE WERE 94 ACCIDENTAL DEATHS IN 1950, AN INCREASE OF 20 OVER 1949. ACCIDENTAL DEATHS HAVE BEEN STEADILY REDUCED IN THE PAST TEN YEARS. IN SPITE OF THE SLIGHT INCREASE THIS YEAR, OUR 1950 NUMBER IS THE SECOND LOWEST SINCE THE "HORSE AND BUGGY DAYS". TRAFFIC AND FALLS CAUSE THE BULK OF ACCIDENTAL DEATHS.

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL	194	174	212	200	234	271	270	304	271	235	258
AUTO & MOTORCYCLE	40	33	40	36	66	57	77	90	76	69	73
ACCIDENTAL FALLS	84	76	78	79	90	107	92	87	99	100	83
ACCIDENTAL BURNS	10	2	11	7	12	13	14	19	13	16	9
ASPHYX. - BED CLOTHES	4	13	12	12	8	9	3	6	9	6	6
ALCOHOLISM	-	1	2	-	2	5	9	8	5	4	7
POISON-CARBON MONOXIDE	3	3	1	1	3	3	-	-	-	4	4
CRUSHING	1	6	7	3	6	8	2	2	7	7	6
CONFLAGRATION	9	9	10	18	8	11	9	9	4	3	13
DROWNING	9	5	18	7	5	4	5	13	11	3	10
ELECTROCUTION	3	1	-	-	3	1	2	1	1	1	2
ELEVATOR	-	-	-	-	-	1	1	-	-	1	1
HEAT EXHAUSTION	-	4	8	1	1	1	7	4	1	3	2
ILLUMINATING GAS	13	12	14	17	13	23	26	23	16	6	13
RAILROAD	5	-	2	5	2	5	5	6	12	2	7
TROLLEY	-	-	-	-	-	1	-	3	-	-	-
US PLANE CRASH	-	-	-	2	-	-	-	-	-	-	-
MISCELLANEOUS	13	8	9	12	15	22	18	33	17	10	22

BIRTH STATISTICS

BIRTH RATE - 29.7 THERE WERE 3,174 BIRTHS IN NEWARK IN 1950, OR A RATE OF 29.7 PER 1000 POPULATION. THIS RATE APPARENTLY REACHED ITS PEAK IN 1947. AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 25.8 IN 1936, IT RAPIDLY AND STEADILY INCREASED TO THE RECORD HIGH OF 4,710 BIRTHS AND A RATE OF 33.1 IN 1944. THE FOLLOWING TABLE SHOWS THE TREND IN OUR BIRTH RATE AND IT IS PARTICULARLY INTERESTING TO NOTE THAT 98% OF BABIES ARE NOW DELIVERED IN HOSPITALS, 1% BY PHYSICIANS AT HOME AND LESS THAN 1/2% DELIVERED BY MIDWIVES.

1950 BIRTHS DATA					
TOTAL BIRTHS	13,174	WHITE	10,808	STILLBIRTHS	264
MALES . . .	6,779	COLORED	2,344	ILLEGITIMATE	468
FEMALES . .	6,395	YELLOW	22		

YEAR	TOTAL BIRTHS	BIRTH RATE	PHYSICIAN DEL. AT HOME	HOSPITAL DELIV.	MIDWIFE DEL. HOME
1950	13,174	29.7	221	12,959	31
1949	13,409	30.3	192	13,174	43
1948	13,703	30.8	223	13,434	46
1947	14,710	33.1	211	14,419	80
1946	13,427	30.3	225	13,094	108
1945	11,254	25.4	273	10,867	114
1944	10,792	24.5	330	10,306	156
1943	11,856	26.9	432	11,230	194
1942	12,016	28.0	376	11,479	161
1941	9,765	22.8	325	9,282	158
1940	8,538	19.9	401	7,952	185
1939	7,950	17.9	401	7,315	234
1938	7,936	17.3	546	7,106	283
1937	7,659	16.7	603	6,682	374
1936	7,236	15.8	778	6,025	433
1935	7,638	16.8	1,047	6,076	515

NEGRO HEALTH STATISTICS

THE ESTIMATED NEGRO POPULATION OF NEWARK IS 50,000 OR APPROXIMATELY 1 % OF THE TOTAL. ALTHOUGH THE VARIOUS MORTALITY RATES IN THIS GROUP ARE RATHER HIGH, THE NATURAL RESULT OF ECONOMIC, EDUCATIONAL AND HOUSING HANDICAPS, A STUDY OF THE VARIOUS RATES FOR THE PAST 15 YEARS IS RATHER ENCOURAGING. THE TUBERCULOSIS RATE, FOR EXAMPLE, HAS DECREASED FROM 388 FOURTEEN YEARS AGO, TO 194 IN 1950, A REDUCTION OF MORE THAN 50%, AND INFANT MORTALITY IN THOSE FEW YEARS HAS FALLEN FROM 89.5 TO 49.9 PER 1000 LIVING BIRTHS, OR A REDUCTION OF APPROXIMATELY 44% AND THE LOWEST ON RECORD. IT IS ENCOURAGING TO NOTE THAT ONLY 3 PUERPERAL SEPTICAEMIA DEATHS HAVE OCCURRED IN THE PAST NINE YEARS AMONG 15,487 BIRTHS AND MATERNAL MORTALITY HAS DROPPED FROM 9.1 TO AN AVERAGE OF 2.0 PER 1000 DELIVERIES. DEATHS FROM ALL CAUSES THIS YEAR NUMBERED 845 OR 16.9 PER 1000.

NEGRO BIRTHS TOTALED 2,344 OR A RATE OF 46.9 PER 1000 POPULATION, THE HIGHEST EVER RECORDED. IT IS QUITE POSSIBLE THAT OUR ESTIMATE OF 50,000 BASED ON A REASONABLE INCREASE SINCE THE 1940 CENSUS MAY STILL BE LOW. (THE 1950 CENSUS FIGURES ARE NOT YET AVAILABLE). IN THAT CASE, REDUCTION IN MORTALITY RATES WOULD BE EVEN GREATER THAN AS SHOWN BELOW.

(SEE TABLE ON NEXT PAGE)

NEGRO HEALTH STATISTICS

YEAR	DEATHS	DEATH RATE	BIRTHS	BIRTH RATE	T.B. DEATHS	T.B. D. RATE	INFANT DEATHS	INFANT M. RATE	MATERNAL DEATHS SEPT.	MATERNAL DEATHS TOTAL	RATE PER M. DEL.
1936	789	8.8	883	2[illegible].0	63	388.	79	89.5	0	8	9.
1937	6[illegible]8	14.4	846	9.7	2	360.5	52	61.6	3	5	6.
1938	6[illegible]	6.3	997	23.2	3[illegible]	304.7	62	62.2	1	4	4.0
1939	630	4.3	965	2[illegible].9	17	365.[illegible]	72	74.6	1	8	8.3
1940	695	5.4	1043	23.2	138	336.5	74	70.9	1	0	0.0
1941	662	14.7	1070	23.8	119	264.4	67	62.6	2	5	5.[illegible]
1942	721	6.3	247	27.5	25	277.7	59	54.5	0		1.0
1943	729	15.3	242	25.9	17	243.9	74	59.5	1	4	3.0
1944	679	14.	1326	27.6	1[illegible]9	247.8	76	57.3	0	2	.6
1945	739	14.8	1393	27.9	115	230.0	77	55.3		3	2.
1946	678	3.6	595	3[illegible].9	122	244.0	87	54.5	1	5	3.1
1947	754	15.1	964	37.3	20	240.0	107	54.0	0	[illegible]	[illegible].5
1948	805	16.1	2225	44.5	103	206.0	23	55.3	0	2	0.9
1949	805	16.1	2261	45.2	92	184.0	40	61.9	1	4	2.2
1950	845	16.9	2344	46.9	98	194.0	1[illegible]8	49.9	0	5	2.1

FREEDOM FROM CONTAGION

THERE WAS NO UNDUE PREVALENCE OF CONTAGIOUS DISEASE DURING THE PAST YEAR. IN FACT EVERY SUCH CAUSE WAS BELOW NORMAL EXCEPT THE NON-FATAL GERMAN MEASLES, AND INFANTILE PARALYSIS. OF THE LATTER, THERE WERE 49 CASES AND 3 DEATHS COMPARED WITH THE ELEVEN-YEAR NORMAL OF 19 CASES AND TWO DEATHS. INCIDENTALLY, THESE 3 DEATHS FROM INFANTILE PARALYSIS WERE THE ONLY DEATHS FROM ANY OF THE CHILDHOOD CONTAGIONS. THE FOLLOWING TABLE SHOWS CASES AND DEATHS FOR THESE DISEASES IN 1950 COMPARED WITH THE ELEVEN-YEAR NORMALS.

DISEASE	1950		11-YEAR NORMAL	
	CASES	DEATHS	CASES	DEATHS
DIPHTHERIA	1	0	2	0
SCARLET FEVER	112	0	604	1
EPIDEMIC MENINGITIS . .	9	0	21	3
WHOOPING COUGH	761	0	1088	1
INFANTILE PARALYSIS . .	49	3	19	2

THE MOST PREVALENT OF THE MINOR NON-FATAL CHILDHOOD DISEASES WERE:

MEASLES	2370	4259
CHICKENPOX	1606	3439
MUMPS	1304	2319
GERMAN MEASLES	1957	379

EXECUTIVE DIVISION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE EXECUTIVE DIVISION PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE DEPARTMENT FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING, VITAL STATISTICS, PUBLICITY AND HEALTH EDUCATION; PERSONNEL RECORDS AND ASSIGNMENT, CLEANING AND MAINTENANCE; PRINTING AND MULTIGRAPHING; MONTHLY AND ANNUAL REPORTS AND PAROCHIAL SCHOOL MEDICAL INSPECTION.

PAROCHIAL SCHOOL MEDICAL INSPECTION

ANN REILLY, R.N., SUPERVISING NURSE

MEDICAL INSPECTION AND HEALTH EDUCATION OF SCHOOL CHILDREN IS SUPPLIED IN THE PUBLIC SCHOOLS BY THE BOARD OF EDUCATION. THIS VITAL WORK FOR APPROXIMATELY 13,000 PAROCHIAL SCHOOL CHILDREN IN 30 SCHOOLS, IS PROVIDED BY OUR DEPARTMENT WITH A SUPERVISING AND AN ASST. SUPERVISING NURSE AND 17 SCHOOL NURSES. THEY ARE AIDED BY THE PHYSICIANS OF OUR VARIOUS DIVISIONS, THE DEPARTMENT SOCIAL WORKER, AND DENTISTS, AND THE DISPENSARY CLINICS. PHYSICIANS ROUTINELY EXAMINE ALL CHILDREN IN 1ST GRADE, 4TH GRADE AND 8TH GRADE. NOTE 100% DIPHTHERIA IMMUNIZATION.

SUMMARY OF WORK

	DEFECTS	CURES
TEETH - - - - - - -	6136	4039
NOSE & THROAT - - -	2246	1608
EYE & EAR - - - - -	2017	1422
VERMIN & UNCLEAN -	1762	1678
SKIN - - - - - - -	5048	4345

MENTAL BEHAVIOUR - - - - - - - -	14
EXCLUSION - - - - - - - - - - -	1190
VACCINATIONS - - - - - - - - - -	57
SCHOOL TREATMENTS - - - - - - -	27014
CLASS INSPECTIONS & TALKS - - -	6824
RE-INSPECTIONS - - - - - - - - -	33481
PHYSICAL EXAM, NURSE - - - - - -	22116
" " DOCTOR - - - - -	11432
GENERAL HOME CALLS - - - - - - -	428
IMMUNIZED AGAINST DIPHTHERIA - -	100 %

BUREAU OF VISUAL HEALTH EDUCATION

PETER COVEN, SUPERVISOR

OUR HEALTH EDUCATION WORK IS AIDED THROUGH THE FOLLOWING MEDIUMS: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ENTITLED "NEWARK'S HEALTH DEPARTMENT" DESCRIBING THE ACTIVITIES OF THE HEALTH DEPARTMENT; A HOME SAFETY SLIDE SEQUENCE ENTITLED "SAFEGUARD NEWARK'S HOMES", ALSO HEALTH EXHIBITS. OPERATION OF SCHOOL FOR FOODHANDLERS WHICH INCLUDES LECTURES, FILMS, QUIZES, AND UPON COMPLETION, PRESENTATION OF INDIVIDUAL AND ESTABLISHMENT CERTIFICATES. PRESENT HEALTH FILMS AND SLIDES AT CIVIC CLUBS, SCHOOLS, PTA'S, WOMEN'S CLUBS AND OTHERS. SOUND RECORDING OF HEALTH PROGRAMS, HEALTH LECTURES, RADIO PROGRAMS, ETC.

LEGAL WORK

MILTON GOODMAN, LL.B., SAN. INSP.

HANDLING OF COURT CASES IF GREATLY AIDED BY THE SERVICES OF AN INSPECTOR WHO IS A QUALIFIED LAWYER. HE NOT ONLY COOPERATES WITH THE CITY LAW DEPT. WHICH OFFICIALLY HANDLES ALL CITY WORK, BUT IS PRESENT AT ALL DIVISIONAL HEARINGS. EACH INSPECTIONAL DIVISION HOLDS WEEKLY HEARINGS BEFORE THE HEALTH OFFICER, CASES ARE DISCUSSED AND DISPOSITION MADE BY THE HEALTH OFFICER. CASES REFERRED FOR COURT ACTION ARE GREATLY REDUCED BY THIS ARRANGEMENT. DURING 1950, ONLY 843 CASES WERE TAKEN TO COURT. IN ADDITION TO SECURING ABATEMENTS IN THESE CASES, $2,945.00 IN PENALTIES WERE IMPOSED AGAINST VIOLATORS.

MAINTENANCE

FRANK LAWSON, CUSTODIAN

CLEANING AND MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS 24 OUTSIDE CLINICS USED FOR BABY-KEEP-WELL STATIONS, TUBERCULOSIS EXAMINATIONS, PRE-NATAL CLINICS AND DENTAL CLINICS.

FINANCE - VITAL STATISTICS

FRANK SHEA, ACCOUNTANT
CORA N. KIMBALL, STATISTICAL CLERK

IMMEDIATELY FOLLOWING ARE THE FINANCIAL STATEMENT AND THE VITAL STATISTICS TABLES OF MAJOR PUBLIC HEALTH INTEREST.

FINANCIAL STATEMENT - 1950

DISBURSEMENTS

PERSONAL SERVICE - SALARIES		$1,400,320.00
OTHER THAN PERSONAL SERVICE		
FURNITURE, FILES, TYPEWRITERS, ELEC. FIXT.	$ 3,262.00	
DRUGS AND SURGICAL SUPPLIES	21,486.40	
RENTS, TAXES, ANNEXES, BABY STATIONS	19,648.00	
POSTAGE, POST CARDS, STAMPED ENVELOPES	5,578.00	
TELEPHONE SWITCHBOARD SERVICES	8,800.00	
COAL, LIGHT AND HEAT	8,250.00	
STATIONERY AND PRINTING	7,6[illegible].00	
LAUNDRY SERVICES	4,7[illegible].00	
HOME DOCTOR VISITS - INDIGENT	[illegible]	
JANITOR SUPPLIES, PAINTS & UNIFORMS	3,7[illegible].0	
LABORATORY AND SURGICAL APPARATUS	5,767.91	
AUTOMOBILE & MOTORCYCLE SUPPLIES & REPAIRS	6,42[illegible].0	
HOME SICK VISITS - NURSES (VNA)	[illegible]	
X-RAY SUPPLIES	[illegible]	
RENTAL OF BUSINESS MACHINES	585.[illegible]	
INSURANCE, COMPENSATION AND FIRE & THEFT	5,72[illegible].00	
SCORING DAIRY EXPENSE, MILK & FOOD SAMPLES	960.00	
LICENSE PLATES, TAGS AND BADGES	900.79	
NIGHT WATCH & FIRE ALARM SERVICE	336.25	139,724.35
TOTAL		$1,540,044.35

DISBURSEMENTS BY DIVISIONS

	SALARIES	SUPPLIES
EXECUTIVE	$ 83,000.00	$ 33,583.25
SANITARY	129,684.00	5,588.69
INDUSTRIAL HYGIENE	62,200.00	630.00
OCCUPATIONAL	40,850.00	- -
CONTAGIOUS	99,547.00	2,000.00
PLUMBING	43,700.00	580.00
PAROCHIAL	51,100.00	562.16
FOOD & DRUG	119,400.00	2,694.00
TUBERCULOSIS	82,700.00	650.91
VETERINARY	61,900.00	377.50
VENEREAL	104,015.00	8,373.26
DISPENSARY	309,200.00	66,750.00
LABORATORY	55,656.00	4,930.00
CHILD HYGIENE	157,368.00	13,[illegible].58
TOTAL	$1,400,320.00	$ 39,724.35

RECEIPTS

PERMITS	ANIMAL	$ 1.00
"	CHICKEN	196.00
"	CHICKEN SLAUGHTERHOUSE	910.00
"	PLUMBING	3,703.50
LICENSES	ICE	444.00
"	MILK	5,087.00
"	PLUMBING	3,010.00
"	REFUSE	76.00
"	LIVE POULTRY	90.00
FEES	REAL ESTATE SANITARY INSPECTION	27.00
"	PLUMBERS EXAMINATION	950.00
"	BACTERIOLOGICAL EXAMINATION	248.50
"	OUT-OF-TOWN TREATMENTS - CLINICS	228.00
"	OUT-OF-TOWN LABORATORY TESTS	4,722.00
MISC.	CASH SALES PRESCRIPTION BOTTLES	276.63
"	CASH SALE POSTAGE STAMPS & PHONE CALLS	51.32
"	CASH SALE DAIRY SCORE PADS, OLD FILM, ETC.	62.70

DEPOSITED WITH CITY COMPTROLLER AS MISCELLANEOUS REVENUE $20,083.65

FEES RECEIVED FROM MILK PRODUCERS CREDITED TO "DAIRY INSPECTION ACCOUNT", USED FOR TRAVEL AND OTHER EXPENSE IN SUPERVISING OUR MILK SUPPLY . . . $13,656.18

INTERLIN NE HEALTH TRENDS 1918-1962

YEAR	DEATHS UNDER YR.	INFANT MORTALITY **	BIRTHS	BIRTH RATE	DEATHS UND 5	T. B. DEATHS	T. B. DEATH RATE	DIPHTHERIA DEATHS	TYPHOID DEATHS	BRITS DEATHS	ORG. HRT. DTHS
1918	215	104.7	1575	27.0	534	798	85.6	82	5	629	633
919	862	76.2	11297	25.7	295	637	44.9	50	9	574	529
1920	994	84.7	11734	28.3	244	540	130.4	62	8	507	492
921	837	7 .5	11735	27.5	2 0	446	104.9	44	12	417	5 0
922	825	74.8	10993	25.4	167	428	99.1	79	2	346	643
923	756	68.0	11	25.3	133	406	92.5	34		340	727
1924	746	65.2	11449	25.7	132	392	87.9	39	12	399	729
925	746	68.7	10852	24.0	29	378	83.4	42	5	343	850
1926	753	71.9	10463	22.7	28	42	9 .5	21	7	33	948
1927	634	63.3	10010	21.5	82	387	82.9	62	6	266	9 9
1928	626	63.8	9802	20.7	78	4 2	86.9	95	5	298	1002
929	594	59.6	9975	20.7	52	441	9 .8	96	5	258	947
1930	512	52.3	9784	22.2	45	445	104.0	19		244	1005
931	491	52.3	9506	2 .4	36	412	92.4	16	2	221	983
932	37.	42.3	8716	9.4	16	360	80.0	2	4	242	956
1933	356	45.	7897	17.6	8	388	85.8	1	2	228	1039
934	342	45.2	7565	6.7	23	317	69.8		1	227	1082
935	417	54.6	7638	16.8	24	316	69.4		0	201	1118
936	332	45.9	7236	5.8	6	346	75.7	0		214	1162
1937	287	37.6	7659	16.7	32	30	65.8		0	168	58
938	310	39.1	7336	17.3	2	287	62.7	1	2	149	1201
1939	303	38.1	7950	17.3	20	277	60.3		4	154	1240
940	309	35.	9538	9.9	4	309	71.9	0	0	24	1360
1941	318	32.6	9765	22.8	3	274	63.9	0	0	222	1530
1942	352	29.3	2016	28.0	2	288	66.	0	0	223	1756
943	367	31.9	11856	26.9	15	294	66.8	1	0	276	975
1944	375	34.7	10792	24.5	23	257	58.4	1	1	271	1744
1945	390	34.7	11254	25.4	0	247	55.8	0	2	274	764
946	416	31.9	13427	30.3	3	26	59.0	0	0	245	1663
947	429	29.2	47 0	33.1	13	259	58.2	0	0	281	1724
1948	388	29.3	3703	30.8	2	232	52.	0	0	276	1804
949	389	29.0	13409	30.3	11	211	47.6	0	0	249	1728
1950	357	27.	13 74	28.7	9	209	42.2	0	0	246	1862

** FOR NEO NATAL MORTALITY SEE "OTHER MORTALITY TRENDS"

OTHER MORTALITY TRENDS IN 1994

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATH RATE PER 1,000	RATE PER 100,000 SCARLET FEVER	TYPHOID FEVER	DIPHTHERIA	INFANT MORTALITY RATE UNDER 1 MO.	1 - 12 MONTHS	UNDER 1 YR.
894	203,923	4,543	22.28	23.8	6.7	-			
1895	215,725	4,6 5	21.37	6.2	23.2	126.6			
1896	225,000	4,7 6	20.94	7.6	20.9	86.9			
1897	230,000	4,0 0	17.43	23.5	14.3	59 6			
1898	235,000	4,303	18.30	6.4	17.4	56.6			
1899	240,000	3,537	14.90	14.2	25.	5. 7			
1900	246,070	5,006	20.34	22.4	20.3	58.1			
1901	250,000	4,806	9.22	9.2	22.8	4 2			
1902	255,000	4,943	19.38	18.0	3.4	41.2			
1903	266,000	4,923	18.50	26.7	23.7	45.1			
1904	272,000	5,378	19.77	44.	14.7	55.1			
1905	283,239	5,025	17.74	15.9	4.1	38.8			
1906	290,000	5,551	13. 4	1 7	7.2	34.			
1907	300,000	5,724	19.08	13.7	23.0	3 .7			
1908	305,000	5,207	17.07	29.2	11.5	2 .6			
1909	311,000	5,529	17.77	22.5	2.5	38.8			
1910	347,469	5,764	16.64	11.2	12.7	29.9			
1911	352,000	5,337	15. 6	6.0	0.5	21.0			
1912	370,000	5,423	4.65	3.0	7.0	24.6			
1913	380,000	5,562	4.63	6.9	7.9	28.0	39.8	54.2	91.0
1914	395,000	5,809	4.70	6.8	6.6	0.4	36.0	53.9	96.8
1915	375,000	5,382	14.30	.6	2.9	13.	36.4	48.9	5.3
1916	385,000	6,357	16.50	1.8	6.0	14.8	8.0	51.6	39.6
1917	405,000	6,205	5.30	0.7	4.2	2.3	3 .9	48.9	87.8
1918	430,000	8,483	9.72	2.6	3.5	10.	39.3	65.4	04.7
1919	440,000	5,534	12.57	2.7	2.0	1 .3	33.	43.1	76.2
1920	414,216	5,55	13.40	2.9	1.9	14.9	38.7	46.0	84 7
1921	425,000	4,774	1 .24	5.9	2.8	10.4	36.4	35.1	7 .5
1922	432,000	5,209	12.06	3.5	2.8	16.9	35 3	39.5	74.8
1923	439,000	5,221	1 .67	1.	2.5	7.7	36.0	32.0	68.0
1924	446,000	5,004	1 .22	1.8	2.7	8.7	32.3	32.9	65.2
1925	453,000	5,3 0	11.67	2.0	1.1	9.3	37.3	38.4	68.7
1926	460,000	5,450	1.85	1.3	.5	4.6	35.5	36.4	71.9
1927	467,000	5,086	10.90	2.6	.3	13.3	34.8	28.5	63.3
928	474,000	5,512	11.63	1.3	1.0	20.0	34.8	29.1	63.9
1929	480,000	5,632	11.74	0.8	0.6	20.0	3 .2	28.4	59.6
1930	410,000	5,239	11.92	0.7	0.2	10 9	27.9	24.2	52.1
1931	445,000	5,073	11.40	2.0	4.5	3.6	30.0	21.5	51.5
932	450,000	4,682	0.40	0.7	0.9	0.5	25.5	6.7	42.2
933	452,000	4,930	0.91	0.9	0.5	0.2	21.8	20.3	45.1
1934	454,000	4,761	10.49	0.4	0.2	0.2	27.2	18.0	45.2
1935	455,000	4,996	10.56	0.2	0.0	0.2	32.9	2 .7	54.6
936	457,000	5,33	11.18	1.5	0.2	NONE	27.5	18.4	45.9
1937	458,000	5,06	11.00	0.2	0.0	0.2	21.8	15.7	37.5
1938	458,000	4,970	10.85	0.2	0.4	0.2	24.6	14.5	39.1
1939	459,000	4,855	10.58	0.9	0.9	0.2	24.3	3.8	38.1
1940	429,000	5,025	11.71	NONE	NONE	NONE	24.7	0.4	35.
1941	429,000	5, 27	11.62	NONE	NONE	NONE	23.2	9.1	32.6
942	429,000	5,256	11.86	0.2	NONE	NONE	21.9	7.4	29.3
1943	430,000	5,702	12.55	0.2	NONE	0.2	21.5	9.1	30.9
1944	430,000	5,231	11.48	0.2	NONE	NONE	25.0	9.7	34.7
1945	433,000	5,292	11.60	1.2	0.4	NONE	22.7	2.0	34.7
1946	433,000	4,937	.14	NONE	NONE	NONE	23.8	7.2	31 0
947	435,000	5,097	11.54	NONE	NONE	NONE	22.5	6.7	29.2
1948	445,000	5,087	.43	NONE	NONE	NONE	22.5	5.8	28.3
19.9	443,000	4,943	11.15	NONE	NONE	NONE	2 .9	7.1	29.0
1950	443,000								

TOTAL DEATHS BY AGE GROUPS 1918-1950

YEAR	TOTAL DEATHS	NEW BORN	1 AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	15-24	25-44	45-64	65 & OVER
1918	8484	1215	433	434	2082	314	780	1318	754	1245
1919	5534	862	190	186	1238	149	345	704	37	1 22
1920	5551	994	253	192	1439	220	327	[illegible]	37[illegible]	[illegible]
1921	4776	837	136	134	1107	94	248	[illegible]	[illegible]	[illegible]
1922	5209	822	198	166	1186	232	268	925	14 4	1184
1923	5221	756	163	136	1055	96	395	872	503	1290
1924	5111	746	130	139	1015	199	268	975	1470	1 84
1925	5447	746	132	144	1022	206	273	918	1640	288
1926	5606	753	187	158	1098	56	277	9 5	1 8	1442
1927	5296	636	109	112	857	2 0	277	974	1724	254
1928	5735	626	156	186	968	245	304	1092	794	422
1929	5857	594	104	152	850	92	308	62	7[illegible]	57
1930	5447	512	83	119	714	168	327	1037	1788	1393
1931	5306	490	64	98	652	72	252	925	747	458
1932	4850	371	41	73	485	28	228	890	1677	1442
1933	5128	356	68	96	520	14	1 5	914	1775	563
1934	4921	342	54	54	450	17	192	824	1779	1559
1935	4996	417	46	60	523	7	90	864	1798	1514
1936	5331	332	45	45	422	6	208	861	1892	1832
1937	5256	287	51	61	400	5	202	8 2	877	1850
1938	5116	310	29	45	384	86	79	75	845	871
1939	5005	303	23	24	350	97	168	704	1777	909
1940	5207	300	26	33	359	55	68	703	934	988
1941	5127	318	30	34	382	62	138	639	1948	958
1942	5256	352	25	36	413	50	151	682	935	2025
1943	5702	367	24	44	435	66	18	669	2074	2315
1944	5201	375	24	29	428	67	113	618	994	207
1945	5292	390	24	31	445	75	21	564	933	2151
1946	5078	416	14	31	461	51	2	561	1812	2083
1947	5238	429	24	33	486	42	98	591	898	2 53
1948	5222	388	22	21	431	29	79	502	1949	2237
1949	5086	389	22	28	439	33	86	472	825	223
[illegible]	5208	357	22	24	403	[illegible]	9[illegible]	[illegible]	958	[illegible]

"TOTAL DEATHS" INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT AS WELL AS DEATHS OF NEWARKERS AT SOHO AND VERONA.

DEATHS AND DEATH RATES BY CAUSE AND COLOR - 1949-1950

	TOTAL				NEGRO			
	1950		1949		1950		1949	
	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	11.6	5213	11.2	5086	6.9	845	[illegible]	805
INFANTILE PARALYSIS	0.9	4	[illegible]	5	-	-	-	-
TETANUS	-	-	-	-	-	-	-	-
MUMPS	-	-	-	-	-	-	-	-
ERYSIPELAS	-	-	-	-	-	-	-	-
MEASLES	-	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	-	-	-
WHOOPING COUGH	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-
INFLUENZA	0.2	1	-	-	-	-	-	-
EPIDEM. MENING. (CER. SPIN.)	-	-	0.9	4	-	-	2.0	1
OTHER EPIDEMIC DISEASES	-	-	-	-	-	-	-	-
TUBERCULOSIS OF LUNGS	41.6	184	42.2	188	154.0	77	156.0	78
TUBERCULOSIS MENINGITIS	1.6	7	2.3	10	14.0	7	12.0	6
OTHER TUBERCULOSIS	4.1	18	2.9	13	26.0	13	16.0	8
CANCER, MALIGNANT TUMOR	178.6	791	179.5	795	184.0	92	154.0	77
SIMPLE MENINGITIS	2.5	11	1.4	6	10.0	5	4.0	2
APOPLEXY-SOFT. OF BRAIN	96.4	428	107.9	478	148.0	74	154.0	77
ORGANIC HEART DISEASE	420.3	1862	390.7	1728	386.0	193	344.0	172
BRONCHITIS	1.6	7	3.4	15	6.0	3	6.0	3
PNEUMONIA, LOBAR	16.9	75	12.9	57	34.0	17	32.0	16
PNEUMONIA, BRONCHO	19.9	88	21.2	94	46.0	23	52.0	26
OTHER RESPIRATORY DIS.	22.3	99	20.7	92	48.0	24	22.0	11
STOMACH (CANCER EXCEPTED)	5.0	22	9.7	43	-	-	8.0	4
DIARRHOEA (UNDER 5 YRS)	1.8	8	2.5	11	6.0	3	12.0	6
APPENDICITIS & TYPHILITIS	1.4	6	4.3	19	2.0	1	2.0	1
HERNIA, INTEST. OBSTRUC.	7.0	31	9.0	40	8.0	4	14.0	7
CIRRHOSIS OF LIVER	16.0	71	13.3	59	14.0	7	4.0	2
BRIGHT'S DIS. & NEPHRITIS	55.5	246	56.2	249	88.0	44	94.0	47
DIS. OF WOMEN (NOT CANCER)	0.5	2	1.1	1	4.0	2	-	-
PUERPERAL SEPTICAEMIA	-	-	1.1	1	-	-	2.0	1
OTHER PUERPERAL DISEASES	2.7	12	3.2	14	12.0	6	8.0	4
CONG. DEBILITY & MALF.	66.1	293	67.9	301	168.0	84	200.0	100
OLD AGE	4.3	19	1.4	6	-	-	-	-
ACCIDENT	43.8	194	39.3	174	84.0	42	76.0	38
HOMICIDE	4.3	19	6.3	28	28.0	14	38.0	19
SUICIDE	13.3	59	10.4	46	8.0	4	8.0	4
ILL-DEFINED CAUSES	13.3	59	8.1	36	26.0	13	10.0	5
ALL OTHER CAUSES	135.0	597	129.3	573	186.0	93	180.0	90

DEATHS - CERTAIN CAUSES IN AGE GROUPS - 1950

CAUSES OF DEATH	TOTAL DEATHS	UNDER 5 DEATHS	%	5 TO 24 DEATHS	%	25 TO 44 DEATHS	%	45 TO 64 DEATHS	%	65 & OVER DEATHS	%
TOTALS	5213	403	7.7	109	2.1	512	9.8	1934	37.1	2255	43.3
MEASLES	0	0	-								
WHOOPING COUGH	0	0	-								
DIARRHOEL DIS.	8	8	100.0								
EARLY INFANCY	293	293	100.0								
INFLUENZA	1									1	100.0
PNEUMONIA	163	34	20.8	2	1.2	11	6.7	47	28.9	69	42.4
BRONCHITIS	7	3	42.9	1	14.3	1	14.3			2	28.5
PULMONARY T.B.	184	1	0.5	13	7.1	63	34.2	86	46.8	21	11.4
BRIGHT'S DIS.	246	1	0.4	5	2.0	33	13.4	89	36.2	118	48.0
CANCER	791	2	0.3	9	1.1	74	9.4	372	47.0	334	42.2
APOPLEXY	428			3	0.7	23	5.4	192	44.9	210	49.0
ORGANIC HEART	1862			7	0.4	105	5.6	732	39.3	1018	54.7
ACCIDENTS	194	1	5.7	15	7.7	32	16.5	60	30.9	76	39.2

DE THS BY SPECIAL CAUSES - 940 - 950

	1950	1949	1948	1947	946	945	1944	943	942	194	1940
TOTAL - ALL CAUSES	5213	5086	5222	5238	5078	5292	5201	570	5.5	5.7	5207
INFANTILE PARALYSIS	4	5	2	-	4	7	3	-	2	3	-
TYPHOID FEVER	-	-	-	-	-	2	-	-	-	-	-
ERYSIPELAS	-	-	1	-	-	-	-	-	-	-	-
MEASLES	-	.		-	2	-	1	1	4	1	5
TETANUS	-	-	2	-	-	-	-	-	-	-	.
SCARLET FEVER	-	-	-	-	-	1				-	-
MUMPS	-	-	1	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-			-	1
WHOOPING COUGH	-	-	-			1	-	2	3	4	1
INFLUENZA	1	-	4	4	4	7	12	23	5	9	8
EPIDEM. MENING. (CRSP)	-	4	2	3	7	1	7	27	5	1	
OTHER EPIDEMIC DIS.	-	-	-	2	2	-	-	-	-	-	1
T. B. OF LUNGS	184	188	2 4	239	229	225	237	266	2 .	235	277
T. B. MENINGITIS	7	10	8	8	13		4	7	1	3	
OTHER TUBERCULOSIS	8	3	10	2	7	1	16	2	1	26	21
CANCER & MALIG. TUMOR	79	795	790	78	735	708	738	655	60	661	636
SIMPLE MENINGITIS		6	8	9	9	15	22	7	25	13	14
APOPLEXY-SOFT. BRAIN	428	476	485	498	463	486	42	431	425	4 5	440
ORGANIC HEART DIS.	1812	1728	804	724	1663	1764	1744	975	1 5	5 0	360
BRONCHITIS	7	15	10	9	10	6	8	5	1	5	1
LOBAR PNEUMONIA	75	57	55	71	93	105	114	166	44	25	91
BRONCHO PNEUMONIA	88	94	78	89	96	1	20	182	102	19	103
OTHER RESPIRATORY DIS.	99	92	93	11	3	8	68	34	34	67	42
DISEASES OF STOMACH	22	43	33	25	12	32	34	48	34	30	3
DIARRHOEA (UNDER 5)	8	11	2	13	3	0	23	15	12	13	14
APPENDIC. & TYPHLITIS	6	19	7	1	19	29	25	31	34	45	68
HERNIA & INTEST. OBST.	3	40	36	39	56	44	62	75	67	70	59
CIRRHOSIS OF LIVER	71	59	77	55	51	49	48	40	34	47	37
PRT'S DIS. & NEPHRITIS	246	249	276	281	245	274	27	276	223	222	124
DIS. OF WOMEN (NOT CANCER)	2		4	5	7	7	7	7	10	4	19
PUERPERAL SEPTICAEMIA	-		-		2	4	-	4	2	5	2
OTHER PUERPERAL DISEASES	10	14	10	1	14	14	9	14	20	21	27
CONG. DEB. & MALF.	293	30	317	337	33	285	278	257	262	243	225
OLD AGE	19	6	17	19	3	18	29	46	30	43	28
ACCIDENTS	94	74	2 2	200	234	27	270	304	27	235	258
HOMICIDES	9	28	29	23	28	13	8	22	22	9	21
SUICIDES	59	46	54	51	42	47	42	55	66	55	82
ILL-DEFINED	63	36	44	63	54	79	32	30	42	51	50
ALL OTHER CAUSES	598	573	536	543	517	564	557	582	571	708	1039
RATE PER 1000 POP.	11.6	1.2	11.4	1.5	1	11.6	1.5	2.6	1 .9	.6	11.7

TUBERCULOSIS STATISTICS -- WHITE AND COLORED

YEAR	POPULATION (000'S) TOTAL	WHT	COL	REPORTED CASES WHT	COL	DEATHS WHT	COL	MORBIDITY RATE WHITE	COLORED	MORTALITY RATE WHITE	COLORED
1920	414	397	17	1589	20	458	80	400.0	1182.0	5.3	470.2
1922	432	415	17	044	144	352	74	251.3	822.0	84.4	422.0
1924	446	424	22	749	148	3 0	76	76.7	672.0	73.1	345.4
1926	460	433	27	780	229	321	97	180.1	848.0	74.1	353.2
1928	474	442	32	714	215	306	105	16 .6	671.0	69.2	328.1
1930	440	402	38	681	309	262	178	169.4	813.0	65.1	468.4
1932	450	410	40	532	245	195	65	29.7	612.6	47.6	412.5
1934	454	414	40	447	217	186	24	107.9	542.5	44.9	310.0
936	457	415	42	429	213	82	163	105.7	507.1	43.8	388.0
1938	458	415	43	395	203	154	131	95.2	472.0	37.1	304.6
1940	429	384	45	400	185	169	38	104.1	411.1	44.0	306.6
1942	429	384	45	474	195	161	125	123.4	433.3	4 .9	277.7
1944	440	392	48	371	207	135	119	94.6	431.2	34.4	247.9
1946	443	393	50	362	212	138	122	92.1	424.0	34.8	244.0
1948	445	395	50	313	224	129	103	79.2	448.0	32.7	206.0
1950	443	393	50	278	245	10	98	70.8	490.0	28.0	196.0

BIRTHS BY ATTENDANT AND PLACE OF DELIVERY 1915-1950
(ALTERNATE YEARS TO SHOW TREND)

YEAR	TOTAL BIRTHS	NON-RESIDENT BIRTHS	HOSPITAL DELIVERIES	HOME DELIVERIES PHYSICIAN	HOME DELIVERIES MIDWIFE	NO ATTENDANT	% TOTAL BIRTHS DEL'D IN HOSP.
1915	10,955	238	1,295	4,243	5,414	3	11.8%
1917	,850	381	1,95	4,195	5,696	3	16.5%
191	,715	554	-	-	5,148	0	-
1921	,705	-	-	-	4,470	0	-
1923	11,1	-	-	-	3,552	0	-
1925	,852	1,258	4,845	3,208	2,799	0	44.6%
1927	10,942	,246	4,995	2,709	2,338	0	49.7%
1929	9,965	1,822	5,805	2,436	1,724	0	58.3%
931	9,506	2, 37	6,824	1,491	1,191	0	71.8%
1933	7,997	1,703	6,195	986	716	0	78.4%
1935	7,638	1,512	6,076	1,047	515	0	79.5%
37	7,659	1,956	6,682	603	374	0	87.2%
9 9	7,950	2,180	7,315	401	234	0	92.0%
194	9,705	3,162	9,282	325	158	0	95.1%
1943	,156	3,178	11,230	432	194	0	94.7%
945	1,254	3,216	10,867	272	115	0	96.6%
947	14,7 0	5,206	14,419	211	80	0	98.0%
1949	13,409	4,481	13,174	192	43	0	98.2%
	, 4	4,	12,969	71	34	0	98.4

INFANT MORTALITY BY COLOR

(ALTERNATE YEARS TO SHOW TREND)

YEAR	WHITE INF.MORT. RATE	COL. INF.MORT. RATE	WHITE POST NEONATAL MORT. RATE *	COLORED POST NEONATAL MORT. RATE *	WHITE NEONATAL MORT. RATE	COL. NEONATAL MORT. RATE
920	8 .3	62.1	43.6	96.0	37.4	66.1
921	67.9	132.1	32.4	79.4	35.5	54.5
923	65.0	1 .4	29.7	66.1	35.3	46.3
1 25	61 0	155.1	33.8	89.9	27.2	65.2
1927	54.7	140.5	25.1	59.9	29.6	80.6
1929	49 8	38.7	23.2	70.3	26.6	68.4
1931	46.3	95.5	21.8	45.8	24.5	49.7
1 33	39 1	9 .1	17.2	42.8	21.9	48.3
1935	50.7	8 .8	18.6	45.9	32.1	38.3
937	34.5	6 .5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	18.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	4 .1
1943	27.6	5 .6	6.9	31.4	20.7	28.3
1945	31.7	5 .6	10.5	20.8	21.2	33.7
1947	25.3	5 .5	5.9	11.7	19.4	12.8
949	22.3	61.9	5.0	17.2	17.3	44.7
		49.	4.4	9.4	7.8	4 .

* OVER ONE MONTH BUT UNDER ONE YEAR.

DEATHS UNDER ONE YEAR BY CAUSES - 19[illegible] - 1950

YEAR	MEASLES	BRONCHITIS	PNEUMONIA	MENINGITIS	DIARRHOEA	OTHER CONTAG. DISEASES	EARLY INF. CONG. DEB. PREMATUR.	ALL OTHERS	TOTAL
1918	33	84	56	30	273	83	442	112	1213
1919	2	42	87	24	244	27	345	91	862
1920	16	57	143	19	10	66	402	100	994
1921	5	38	83	12	78	27	403	91	837
1922	14	44	128	1	53	22	352	98	822
1923	15	32	94	10	105	21	376	103	756
1924	4	38	106	17	1 5	24	356	86	746
1925	3	26	99	1	105	23	376	103	746
1926	17	8	142	5	102	16	383	70	753
1927	0	3	91	10	70	28	357	67	636
1928	1	0	97	12	68	19	356	55	626
1929	0	14	21	8	43	28	307	73	594
1930	4	9	95	10	33	10	278	73	512
1931	0	10	86	17	30	21	273	53	490
1932	0	2	67	5	13	12	232	40	371
1933	2	2	75	2	18	10	19	56	356
1934	0	2	52	5	23	2	22	37	342
1935	3	3	59	7	22	16	264	43	417
1936	0	5	51	10	13	9	202	42	332
1937	4	0	47	1	26	6	167	36	287
1938	0	3	40	3	10	10	211	33	310
1939	0	2	28	1	18	6	201	47	303
1940	0	1	26	4	14	0	223	32	300
1941	1	0	23	7	10	5	241	31	318
1942	2	1	41	3	8	2	260	35	352
1943	0	1	41	5	14	5	255	46	367
1944	0	1	43	8	23	3	275	22	375
1945	0	1	56	3	8	3	280	39	390
1946	0	0	44	3	3	4	330	32	416
1947	0	2	30	2	13	2	333	47	429
1948	0	0	26	1	2	1	315	43	388
1949	0	2	37	3	8	1	298	40	389
1950	0	2	28	1	8	0	288	30	357

BIRTHS & INFANT MORTALITY RATES BY WARDS - 1950

WARDS	TOTAL BIRTHS	TOTAL COLORED BIRTHS	% TOTAL BIRTHS COLORED	MIDWIVES BIRTHS	% TOTAL BIRTHS DELIVERED BY MIDWIVES	TOTAL DEATHS UNDER 1 YEAR	INFANT MORTALITY RATES
1	410	50	12.2%	1	.2%	9	21.9
2	238	105	44.1%	1	.4%	7	29.4
3	809	680	84.1%	1	.1%	43	53.2
4	108	51	47.2%	0	-	6	55.6
5	285	38	13.3%	2	.7%	6	21.1
6	421	137	32.5%	2	1.4%	16	38.0
7	285	185	64.9%	1	.4%	15	52.6
8	908	73	8.0%	2	.2%	24	26.4
9	1181	247	20.9%	4	.3%	41	34.7
10	342	64	18.7%	0	-	8	23.4
11	520	81	15.6%	3	.6%	15	28.8
12	376	23	6.1%	7	1.9%	7	18.6
13	779	17	2.2%	3	.4%	13	16.7
14	588	231	39.3%	5	.9%	25	42.5
15	282	109	38.7%	0	-	13	46.1
16	665	98	14.7%	2	.3%	12	8.0
N.R.	4977	145	2.9%	0	-	97	19.9
TOTAL	13174	2334	17.7%	34	.3%	357	27.1

BIRTHS & DEATHS - BY WARD & COLOR 1950

	WARD	POPULATION	DEATHS	CRUDE DEATH RATE	BIRTHS	BIRTH RATE	DEATHS UNDER 1 YR.	INFANT MORT. RATE
TOTAL	1	27,000	192	7.1	410	15.2	9	22.0
	2	12,000	170	14.2	238	19.8	7	29.4
	3	26,000	392	15.1	809	31.1	43	53.2
	4	7,000	132	18.9	108	15.4	6	55.6
	5	17,000	132	8.4	285	16.8	6	2 .0
	6	20,000	202	10.1	421	21.0	16	38.0
	7	14,000	168	12.0	285	20.4	15	52.6
	8	39,000	402	10.3	908	23.3	24	26.4
	9	63,000	588	9.3	1181	8.7	41	34.7
	10	20,000	3	5.6	342	7.1	8	23.4
	1	29,000	295	10.2	520	17.9	15	28.8
	2	21,000	45	6.9	376	17.9	7	.6
	13	58,000	472	8.	779	3.4	13	16.7
	14	31,000	278	9.0	588	9.0	25	42.5
	15	3,000	135	9.4	282	2 .7	13	46.1
	16	46,000	420	9.1	6 5	4.5	12	8.0
	NON-RESIDENT		927		4977		97	
	UNKNOWN		59					
	TOTAL	443,000	52 3 *	11.5 *	3174	28.7	357	27.1
COLORED	1	,50	9	12.7	50	33.3	3	6 .0
	2	2,200	41	18.6	105	47.7	3	28.6
	3	7,000	274	16.1	680	40.0	36	53.0
	4	1,00	28	28.0	51	5 .0	3	58.8
	5	800	18	22.5	38	47.5	1	26.3
	6	2,400	44	18.3	137	57.1	9	65.7
	7	5,400	92	17.0	185	34.2	2	64.9
	8	2,200	29	13.2	73	33.2	8	54.8
	9	3,000	65	21.7	247	82.3	11	45.0
	10	1,900	8	9.5	64	33.7	2	31.3
	11	1,500	29	19.3	81	54.0	6	74.1
	12	400	5	12.5	23	57.5	-	-
	13	500	9	8.0	7	34.0	1	58.8
	14	5,200	66	12.6	231	44.4	9	39.0
	15	3,500	39	11.1	102	3 .1	7	64.2
	16	1,500	29	19.3	98	65.3	3	30.6
	NON-RESIDENT		31		45		6	
	UNKNOWN		9					
	TOTAL	50,000	845	16.9	2334	46.7	116	49.7
WHITE	1	25,500	173	6.8	360	14.1	6	11.1
	2	9,800	129	13.2	133	13.6	4	30.1
	3	9,000	118	13.1	129	14.7	7	53.9
	4	6,000	104	17.3	57	9.5	3	52.6
	5	16,200	114	7.0	247	15.2	5	20.2
	6	7,600	158	9.0	284	16.1	7	24.6
	7	8,600	76	8.8	100	11.6	3	30.0
	8	36,900	373	10.1	835	22.7	20	24.0
	9	60,000	523	8.7	934	15.6	30	32.
	10	18,000	95	10.8	278	15.4	6	2 .6
	11	27,500	266	9.7	439	16.0	9	20.5
	12	20,500	140	7.0	353	17.1	7	9.8
	13	57,500	463	8.1	762	13.3	12	5.7
	14	25,800	212	8.2	357	13.8	16	44.8
	15	9,500	97	10.2	173	18.2	6	34.7
	16	44,500	391	8.8	567	12.7	9	15.9
	NON-RESIDENT		894		4832		91	
	UNKNOWN		49					
	TOTAL	39,000	4366	[illegible]	10840	27.6	241	22.2

* RATE IS BASED ON 5126 DEATHS - 92 OF THE 5213 OCCURRED OUT-OF-TOWN.

TUBERCULOSIS BY WARD (1950) - MORBIDITY & MORTALITY

(NOTE) THE FOUR HIGHEST RATES ARE IN THE 3RD, 4TH, 7TH AND 2ND WARDS, WHERE THE WORST SLUMS ARE LOCATED OR WHERE POPULATION IS MAINLY OF THE TRANSIENT "CHEAP ROOMING HOUSE" TYPE.

	POPULATION (ESTIMATED)			REPORTED CASES			TOTAL MORBIDITY	DEATHS			TOTAL MORTALITY
WARD	WHITE	COLORED	TOTAL	WHITE	COL.	TOTAL	RATE PER CM	WHITE	COL.	TOTAL	RATE PER CM
1	25500	1500	27000	10	5	15	56	3	4	7	26
2	9800	2200	12000	19	11	30	250	12	5	17	141
3	9000	17000	26000	5	84	89	342	1	32	33	127
4	6000	1000	7000	27	9	36	514	17	6	23	329
5	16200	800	17000	9	6	15	88	3	3	6	35
6	17600	2400	20000	9	18	27	135	5	2	7	35
7	8600	5400	14000	13	30	43	307	2	15	17	12
8	36800	2200	39000	28	7	35	90	11	3	14	35
9	60000	3000	63000	36	16	52	82	7	7	4	22
10	18100	1900	20000	10	4	14	70	6	2	8	40
11	27500	1500	29000	15	8	23	79	6	2	8	27
12	20600	400	21000	17	6	23	109	10	1	1	52
13	57500	500	58000	26		26	45	8	2	0	7
14	25800	5200	31000	8	19	27	87	3	8	11	36
15	9500	3500	13000	5	9	14	108	3	4	7	54
16	44500	1500	46000	22	11	33	72	9	2	11	24
NR				19	5	24		4		5	
TOTAL	393000	50000	443000	278	248 *	526	1 9.	10	99 *	209	47.2

* FIGURE INCLUDES 3 CASES 1 DEATH (YELLOW RACE)

INFANT MORTALITY RATES (1ST DAY-1ST MO. ETC.)

1914 - 1950 (EVERY 3RD YR)

YEAR	UNDER 1-DAY	OVER ONE DAY BUT UNDER 1 WK.	UNDER 1-WK.	OVER ONE WEEK BUT UNDER 1 MO.	UNDER 1-MO.	OVER ONE MONTH BUT UNDER 1 YR.	UNDER 1-YR.
* 1914	-	-	-	-	36.9	59.9	96.8
1917	-	-	-	-	38.9	48.9	87.8
1920	-	-	-	-	38.7	46.0	84.7
1923	-	-	-	-	36.0	32.0	68.0
1926	-	-	-	-	35.5	36.4	7 .9
1929	-	-	-	-	31.2	28.4	59.6
1932	-	-	-	-	25.5	16.7	42.2
1934	1 .9	9.5	21.4	5.8	27.2	8.0	45.2
1937	9.7	6.7	16.3	5.5	2 .8	5.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.0	18.6	3.4	2 .9	7.1	29.0
1950	8.7	9.7	18.4	3.3	2 .8	5.3	27.1

* BREAKDOWN UNDER ONE MONTH NOT RECORDED UNTIL 1934

SANITARY DIVISION

CHRISTOPHER C. NUGENT, JR. - ASST. HEALTH OFFICER -- JOHN F. LYNCH, CHIEF SAN. INSPECTOR
EDWARD A. SMITH, CHIEF INSP. FUMIGATION

THE FOLLOWING IS THE 1950 SUMMARY OF ACTIVITIES OF THE SANITARY DIVISION INCLUDING HOUSING-SLUM CLEARANCE AND FUMIGATION WORK.

FOR THE PURPOSE OF INSPECTION, THE CITY IS DIVIDED INTO FIVE INSPECTIONAL DISTRICTS. THE DIVISION ALSO USES THREE EMERGENCY AUTOMOBILES AND FIVE MOTORCYCLES TO EXPEDITE ITS ACTIVITIES. FOLLOWING IS A COMPLETE LIST OF INVESTIGATIONS, NUISANCES FOUND, WRITTEN NOTICES SERVED AND ABATEMENTS:

INVESTIGATIONS	COMPLAINTS	ORIG. INSP.	REINSP.	TOTALS
ANIMALS, (DOGS, CHICKENS, ETC.)	536	3089	352	3977
BABY STATIONS		98		98
BARBER SHOPS	1	5	1	7
BOARDING HOMES		1		1
CHICKEN SLAUGHTER HOUSES		5386		5386
DWELLINGS	3530	14745	2701	22976
DOG KENNELS, POUNDS, SHELTERS, HOSP.	2	6	1	9
HOTELS	10	54	13	77
HOUSING PROJECTS	19	199	39	257
ICE DOCKS	7	42	9	58
LODGING HOUSES	3	11	5	19
OFFICE BUILDINGS	3	7	2	12
PET SHOPS	5	67	5	77
PUBLIC BUILDINGS	1	5		6
PUBLIC PROPERTY		7	8	15
PUBLIC STREETS	3	18	11	32
R.R. STATIONS & BUS TERMINALS	2	47	3	52
ROOMING HOUSES	338	1362	251	1951
SCHOOLS	1	4	2	7
STORES	42	179	29	250
STABLES		4	1	5
TAVERNS	2	6	2	10
TENEMENTS - OVER 8 FAMILIES	2047	5863	991	8921
THEATRES	4	128	9	141
VACANT LOTS	92	235	53	380
VEHICLES	1	18	2	21
LIST OTHERS	3	9	4	16
TOTALS	6652	33615	4494	44761

MISCELLANY

CASES ENTERED FOR PROSECUTION	83	NO. OF CONVICTIONS	28
HOURS IN COURT	17	PROCESS SERVED (FORMAL SUMMONS)	81
BIRTH CERTIFICATE PACKS DEL'D	262	HEARING CASES SCHEDULED	119
COMPLAINTS REF. TO OTHER CITY DEPTS.	209	GAS FUMIGATIONS & RUMMAGE SALES	44
NO CAUSE COMPLT. REC'D & INVEST.	1967	VISITS OWNERS/AGTS OF REAL ESTATE	813
OTHERS	12	NUISANCES FOUND	6109
NOTICES SERVED	6,05	ABATEMENTS	4779

FOLLOWING ARE TYPICAL INSANITARY CONDITIONS ABATED:

INSUFFICIENT HEAT IN HOMES AND OFFICES
DEFECTIVE STORM WATER LEADERS & GUTTERS
INSANITARY YARDS, CELLARS & ALLEYWAYS
DARK AND WINDOWLESS ROOMS
INSPECTION OF PUBLIC BUILDINGS
INSPECTION OF ROOMING HOUSES
ACCUMULATION OF GARBAGE & REFUSE
HOUSES UNFIT FOR HABITATION
INSPECTION OF CHICKEN MARKETS
OVERCROWDING

LICENSES & PERMITS - THE FOLLOWING LICENSES AND PERMITS ARE GRANTED BY THIS DIVISION AFTER APPROVED SANITARY INSPECTIONS: ICE, REFUSE, POULTRY SLAUGHTER HOUSES, CHICKEN (RABBITS, PIGEONS, ETC.), ANIMAL.

SANITARY DIVISION - CONTINUED

HOUSING SLUM CLEARANCE

ON FEB. 15, 1950, COMMISSIONER STEPHEN J. MORAN ORDERED A BLOCK TO BLOCK, HOUSE TO HOUSE, FAMILY UNIT TO FAMILY UNIT, ROOM TO ROOM INSPECTION OF THE 350 SQUARE BLOCKS CONTAINED IN THE NEWARK SLUM BELT, TO DETECT VIOLATIONS OF THE SANITARY CODE AND TO ORDER SUCH VIOLATIONS CORRECTED. TWENTY EIGHT OF THESE SQUARE BLOCKS HAD BEEN CANVASSED UP TO THE MONTH OF JULY, WHEN THE MAIN SECTIONS OF THE CODE UNDER WHICH AUTHORITY HEALTH DEPARTMENT INSPECTORS WERE OPERATING, WERE ATTACKED BY ONE OF THE CITY'S LARGEST REAL ESTATE OPERATORS, WHOSE HOLDINGS IN THE SLUM BELT REACH TREMENDOUS PROPORTIONS. ONE SECTION WAS DECLARED INVALID BY COUNTY JUDGE HARTSHORNE, WHICH SERIOUSLY HAMPERED THE PROGRESS OF THE DRIVE. UP TO THIS POINT 14,000 VIOLATIONS HAD BEEN DISCLOSED, SOME OF WHICH HAD BEEN ABATED VOLUNTARILY, BUT THOUSANDS WERE DECLARED VOID. SEVEN HUNDRED HEARINGS WERE HELD AND 178 CASES ENTERED FOR PROSECUTION, INVOLVING 1147 VIOLATIONS.

ON AUG. 8, 1950, COMMISSIONER MORAN INTRODUCED A NEW HOUSING STANDARDS ORDINANCE IN SUBSTITUTION FOR THE INVALIDATED SECTIONS WHICH BECAME EFFECTIVE SEP. 5, 1950. SINCE THEN TWELVE NEW SQUARE BLOCKS HAVE BEEN UNDER CANVASS, REVEALING TO DATE MORE THAN 5,000 VIOLATIONS OF THE NEW ORDINANCE ALL OF WHICH WILL BE PROCESSED IN DUE COURSE UNTIL EVERY VIOLATION HAS BEEN REMOVED OR THE OFFENDER PENALIZED.

THE WORK HAS BEEN GOING ON WITHOUT FANFARE, AND IS BEGINNING TO SHOW RESULTS, BUT SINCE THE INSPECTION OF 350 SQUARE BLOCKS OF SLUM DWELLINGS CANNOT BE EFFECTED OVERNIGHT WITH LIMITED PERSONNEL, IT IS EXPECTED THAT IT WILL TAKE ABOUT FOUR YEARS TO COMPLETE THE JOB, PROVIDED NO FURTHER APPEARLS BY LANDLORDS OR REAL ESTATE OPERATORS IMPEDE THE PROGRESS.

THE FOLLOWING IS A SUMMARY OF ACTIVITIES OF THE SLUM CLEARANCE UNIT COVERING THE PERIOD BETWEEN FEB. 15TH AND DEC. 31ST, 1950:

TOTAL STRUCTURES INSPECTED	1,966
TOTAL FAMILY UNITS INSPECTED	6,044
MISCELLANEOUS INSPECTIONS (LOTS & COMMERCIAL)	48
TOTAL VIOLATIONS FOUND	19,514
WRITTEN NOTICES SERVED	2,202
STRUCTURES MINUS SANITARY VIOLATIONS	675
VOLUNTARY ABATEMENTS	3,654
ABATEMENTS AS A RESULT OF HEARINGS	5,489
ABATEMENTS AS A RESULT OF COURT ACTION	944
TOTAL ABATEMENTS	10,087
HEARINGS HELD	740
CASES ENTERED FOR PROSECUTION	283
VIOLATIONS ENTERED FOR PROSECUTION	1081
HOUSING COURT DISPOSITIONS	
DEFENDANTS RECEIVING SUSPENDED SENTENCES	156
DEFENDANTS RECEIVING DISMISSALS	47
DEFENDANTS PENALIZED	30
CASES PENDING AS OF DEC. 31ST	50
TOTAL	283
PENALTIES IMPOSED	$670.00

FUMIGATION - PEST CONTROL

THE USE OF HYDRO-CYANIC GAS FUMIGATION IS SO EFFICIENT FOR COMPLETE EXTERMINATION OF VERMIN AND RODENTS, THAT WE CONSIDER IT ESSENTIAL ESPECIALLY IN COMMERICAL FOOD PROTECTION. FOR THAT REASON, AN ORDINANCE WAS ADOPTED SOME YEARS AGO, WHICH REQUIRES THE LICENSING OF ALL SUCH FUMIGATORS, AND NOW DEAL PERMITS WITH SUPERVISION OF THIS DEPARTMENT OF EACH JOB. A WRITTEN EXAMINATION IS REQUIRED TO SECURE A LICENSE.

SANITARY DIVISION - CONTINUED

DURING THE PAST YEAR, THIS DIVISION SUPERVISED MORE THAN 2,0 FUMIGATIONS AND MADE 389 INVESTIGATIONS OF RODENT AND INSECT CONDITIONS.

TOTAL FUMIGATIONS	254	FACTORY FUMIGATIONS	7
RUMMAGE SALE FUMIGATIONS	196	VAULT FUMIGATIONS	42
FOOD PLANT FUMIGATIONS	6	FREIGHT CAR FUMIGATIONS	3
INSPECTIONS - RODENTS & INSECTS	359	WRITTEN NOTICES SERVED TO EXTERM.	318
DEMOLITION OF STRUCTURES INSPECTED	2	INSPECTIONS ON CITY-PRIV. DUMPS	18

TOTAL NUMBER OF INSPECTIONS - - - 389

PSITTACOSIS (MILITARY PARK PIGEONS) - OPERATIONS IN THE MILITARY PARK AREA WITH RESPECT TO STRAY PIGEONS HAS BEEN DISCONTINUED. SINCE THE BEGINNING OF THE CAMPAIGN IN 1946, THE PIGEON POPULATION HAS BEEN REDUCED TO FEWER THAN 12 PIGEONS. IT IS CONSIDERED IMPRACTICAL TO CONTINUE THESE OPERATIONS, SINCE THERE ARE ALWAYS A FEW WHO WILL ESCAPE TRAPPING, AND IT IS BELIEVED THAT THE NUMBER HAS NOW BEEN REDUCED TO A MINIMUM. DURING THE PERIOD OF THE CAMPAIGN MORE THAN 800 PIGEONS WERE CAPTURED AND DESTROYED BY THE ASSOCIATED HUMANE SOCIETIES AT OUR REQUEST.

POISONOUS WEED ELIMINATION - THE DIVISION CONTINUED ITS POISONOUS WEED ELIMINATION DURING THE YEAR, IN COOPERATION WITH THE BUREAU OF SANITATION AND SHADE TREE DIVISION. MORE THAN 500 LOTS WERE TREATED FOR RAGWEED, POISON IVY AND OTHER UNDESIRABLE WEED GROWTH. SIXTY GALLONS OF 20% 2-4 D WERE USED AND THE TREATMENT WAS CONSIDERED EFFECTIVE. IT APPEARS THAT THIS WILL BE AN ANNUAL CAMPAIGN FOR THE ELIMINATION OF EXCESSIVE WEED GROWTH, AS A RELIEF TO HAY-FEVER SUFFERERS.

RABIES CONTROL

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST

ALL BITE CASES ARE INVESTIGATED BY A SANITARY INSPECTOR ASSIGNED TO THE BACTERIOLOGICAL LABORATORY. BITING DOGS ARE QUARANTINED ON THE PREMISES. FOLLOW-UP RE-INSPECTION, 10 DAYS LATER, THE ANIMAL IS STILL ALIVE AND WELL, IT PROVES THAT THE ANIMAL WAS FREE FROM RABIES IN THE INFECTIOUS STAGE AT THE TIME OF BITING, AND THE INDIVIDUAL DOES NOT NEED PASTEUR TREATMENT. THIS WORK REQUIRED 6,018 ORIGINAL AND RE-INSPECTIONS AND VISITS TO RELEASE DOGS FROM QUARANTINE. DURING THE YEAR, 44 DOGS FROM NEWARK AND OUT-OF-TOWN WERE EXAMINED AND FOUND TO BE NEGATIVE FOR RABIES. THIS WAS A MARKED REDUCTION FROM 1946 WHEN 34 NEWARK DOGS WERE PROVEN TO BE RABID AND 1947 WHEN WE FOUND 3 NEWARK RABID DOGS. IT IS THE THIRD YEAR WITHOUT RABIES IN NEWARK. A STATE QUARANTINE ESTABLISHED BY THE STATE DEPT. OF HEALTH IN 1946 IS STILL IN FORCE, PROHIBITING ANY DOG FROM BEING AT LARGE EXCEPT SECURELY LEASHED IN CHARGE OF A RESPONSIBLE PERSON. IN SPITE OF THIS AND THE FACT THAT OUR LOCAL ORDINANCE ALWAYS REQUIRES DOGS AT LARGE TO BE EITHER LEASHED OR MUZZLED, 2,319 DOG AND OTHER ANIMAL BITES WERE REPORTED AND INVESTIGATED. THESE INCLUDED 35 BITES BY CATS, 26 OTHER ANIMALS AND 1 HUMAN BITE.

SUMMARY	BITES INVESTIGATED -- 2,319	NEWARK DOG BRAINS EXAMINED - 33	(ALL
		OUT-OF-TOWN " " - 11	(NEG.
	TOTAL VISITS - 6,018	PASTEUR TREATMENT GIVEN	- NONE

INDUSTRIAL HYGIENE DIVISION

CHARLES J. MAGUIRE, CHIEF INSPECTOR

INDUSTRIAL HYGIENE DIVISION DURING THE YEAR 1950, CONTINUED TO UTILIZE THE VARIOUS SPECIALIZED FIELDS NECESSARY TO DETECT, EVALUATE AND CONTROL THE HEALTH HAZARDS, AND THE PREVENTION OF OCCUPATIONAL DISEASES. THE MULTIPLE NATURE OF THE PROBLEM BUT NECESSITATES MEDICAL, CHEMICAL AND ENGINEERING STUDIES OF ALL CONDITIONS AND FACTORS WHICH MAKE UP THE INDUSTRIAL ENVIRONMENT AND WHICH MAY INFLUENCE THE HEALTH OF INDUSTRIAL WORKERS. THESE ALL CONDITIONS ARE SCIENTIFICALLY EVALUATED AND, AS A RESULT, ADEQUATE CONTROL MEASURES ARE INSTITUTED FOR THE PROTECTION OF THE HEALTH, SAFETY AND WELFARE OF THE WORKERS WHO ARE A LARGE SEGMENT OF OUR ADULT POPULATION. DETECTION, EVALUATION AND CONTROL IS PREVENTION WORK AND WE MUST BE CONSTANTLY ALERT TO PREVENT AND ELIMINATE HAZARDS BOTH POTENTIAL AND ACTUAL.

THE DIVISION'S TWO PUBLIC HEALTH NURSES CONTINUED TO GIVE ASSISTANCE TO INDUSTRIAL PLANTS ESTABLISHING AND EXPANDING PLANT DISPENSARIES, AND INDUSTRIAL NURSING SERVICES. ACTING AS INDUSTRIAL NURSING CONSULTANTS, THEY ARE PLANT NURSES IN INSTITUTING IN-PLANT HEALTH PROMOTION PROGRAMS, HEALTH EDUCATION, RECORD KEEPING, HEMOGLOBINISM, NUTRITION AND CASE FINDING PROGRAMS. IN TWO PLANTS, 409 HAD THEIR CHESTS X-RAYED TO DETERMINE THE PRESENCE OR ABSENCE OF ABNORMAL PATHOLOGY. IN ONE PLANT, 219 WERE BLOOD-TESTED FOR SERO-DIAGNOSIS AND SYPHILIS AND IN ONE ESTABLISHMENT, 74 HAD THEIR URINE ANALYZED FOR DETECTION OF DIABETES.

THE ABOVE FIGURES WOULD INDICATE A REDUCTION THIS YEAR IN THE NUMBER OF X-RAYS ACQUIRED. THIS IS MISLEADING DUE TO THE FACT THAT PLANTS HERETOFORE USING THE SERVICES OF THE DIVISION FOR X-RAYS ARE NOW ANNUALLY CONDUCTING AND PAYING FOR THEIR OWN IN-PLANT CHEST X-RAY PROJECTS. THIS IS THE ULTIMATE GOAL. AFTER BEING EDUCATED AND SHOWN ALONG THESE LINES, PLANTS SHOULD TAKE ON AND CARRY OUT THIS RESPONSIBILITY.

THE CHIEF OF THE INDUSTRIAL HYGIENE DIVISION AND SEVERAL INSPECTORS WHO WERE MEMBERS OF THE STAFF WERE ASSIGNED IN FEBRUARY 1950 TO THE NEWLY CREATED CIVIL PROJECT HEADED BY THE DIRECTOR OF THE DEPARTMENT OF PUBLIC AFFAIRS. THE CHIEF WAS ASSIGNED IN AN EXECUTIVE CAPACITY IN THIS PROJECT DIRECTLY RESPONSIBLE TO THE DIRECTOR, AND CONTINUED IN THIS ACTIVITY UNTIL NOVEMBER, AFTER WHICH HE RETURNED TO THE INDUSTRIAL HYGIENE DIVISION. AS A RESULT OF THIS ABSENCE, TOGETHER WITH A DEPLETED INSPECTIONAL FORCE, THERE WAS A NOTICEABLE REDUCTION IN ROUTINE OR ORIGINAL INSPECTIONS. 387 COMPLAINTS WERE INVESTIGATED, AMONG THESE WERE SUCH NUISANCES AS FUMES, ODORS, SMOKE, DUST, NOISE, INSUFFICIENT VENTILATION, INSUFFICIENT HEAT, UNSANITARY WORKROOMS AND INADEQUATE TOILET FACILITIES. AT THE REQUEST OF THE CITY LICENSE DIVISION, 37 LAUNDERETTES, 13 CLEANING AND DYEING ESTABLISHMENTS AND 31 LAUNDRIES WERE INSPECTED PRIOR TO LICENSING TO DETERMINE COMPLIANCE WITH AN ORDINANCE REGULATING AND LICENSING THEM.

FOLLOWING IS A STATISTICAL SUMMARY:

INSPECTIONAL ACTIVITIES FOR 1950 - (TOTAL VISITS 5,586)

COMPLAINT INSPECTIONS	286	WRITTEN NOTICES SERVED	169
ORIGINAL INSPECTIONS	4439	VERBAL NOTICES SERVED	176
REINSPECTIONS	655	TOTAL NOTICES SERVED	345
TOTAL INSPECTIONS	5380	INDUSTRIAL HYGIENE SURVEYS	134
VIOLATIONS FOUND	420	RECOMMENDATIONS GIVEN	84
ABATEMENTS	255	REC. COMPLIED WITH	37

MEDICAL AND NURSING ACTIVITIES - (TOTAL VISITS 1,076)

INDUSTRIAL MEDICAL SUR.	143	REQUEST VISITS	117
INDUSTRIAL NURSING SUR.	66	RECOMMENDATIONS GIVEN	172
FOLLOW UP VISITS	95	LITERATURE DISTRIBUTED	1080

ENGINEERING INVESTIGATIONS - 695

INDUSTRIAL HYGIENE SUR.	19	COMPLAINTS	101
INSPECTIONS	251	WRITTEN NOTICES	36
REINSPECTIONS	107	VERBAL NOTICES	7

GROUP EXAMINATIONS - ROUTINE BLOOD TESTS 219 ROUTINE CHEST X-RAYS 409
ROUTINE URINE SPECIMENS FOR DIABETES DETECTION 74

VETERINARY DIVISION

DR. M. J. HUGHES, CHIEF VETERINARIAN -- DR. JOHN J. DEVINE, ASST. CHIEF

THIS DIVISION IS RESPONSIBLE FOR THE INSPECTION OF SLAUGHTERHOUSES, BOLOGNA KITCHENS, BUTCHER SHOPS, FISH MARKETS, POULTRY MARKETS AND ALL THE ESTABLISHMENTS WHERE MEAT, FISH AND POULTRY ARE SOLD, HANDLED OR PROCESSED. [illegible] TIONS. IT ALSO INSPECTS THE COMMISSARIES OF RESTAURANTS, LUNCH ROOMS AND HAMBURGER STANDS, MEAT AND FISH TRUCKS AND LOADING PLATFORMS, AND POULTRY AND MEAT FREIGHT AND EXPRESS CARS. WORK IS CARRIED OUT BY TRAINED AND STATE LICENSED VETERINARIANS AND MEAT INSPECTORS.

ALL MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED EITHER UNDER FEDERAL GOVERNMENT SUPERVISION, OUR OWN VETERINARIANS, OR LOCAL VETERINARIANS OF OUTSIDE COMMUNITIES WHERE INSPECTION IS APPROVED BY US. PERIODIC INSPECTIONS ARE ALSO MADE OF BIRDS AND ANIMALS OFFERED FOR SALE IN LOCAL PET SHOPS, AS SUCH LIVESTOCK CAN BE, AND OFTEN IS, A POTENTIAL SOURCE OF CERTAIN DISEASES TRANSMISSIBLE TO HUMANS.

DURING 1950 MORE THAN 220,000 CARCASSES OF CATTLE, SHEEP, CALVES, HOGS AND GOATS WERE INSPECTED AND REINSPECTED, EITHER AT LOCAL ABATTOIRS, OR AT LOCAL WHOLESALE HOUSES. CONDEMNATIONS DURING THE YEAR - 14 ENTIRE CARCASSES, 3,000 PARTS OF CARCASSES, 105,355 LBS. OF MISCELLANEOUS MEATS, FISH AND PROVISIONS.

	NO.	INSPECTIONS		NO.	INSPECTIONS
BUTCHER SHOPS	643	14,976	ABATTOIRS	8	320
FISH STORES	78	2,465	PET SHOPS	20	207
BOLOGNA PLANTS	55	2,654	CITY INSTITUTIONS	3	315
POULTRY MARKETS	70	1,762	WHOLESALE BEEF HOUSES	45	2230
REFRIGERATION PLANTS	2	82	" SH "	6	486
PUBLIC MARKETS	42	893	" LIVE POUL.	9	2850
HORSE MEAT MARKETS	4	246	CLAM HOUSES	4	276
	TOTAL	INSPECTIONS AND REINSPECTIONS		29,902	

* * * *

DIVISION OF SANITARY ENGINEERING

CHARLES A. HALLGRING, CHIEF INSPECTOR

PLUMBING PERMITS FOR NEW CONSTRUCTION INCREASED DUE TO SOMEWHAT MORE AVAILABLE MATERIAL. ALTHOUGH THERE IS STILL A GREAT NEED FOR MORE HOUSING AND MORE WATER AL. THIS DIVISION INVESTIGATES ALL COMPLAINTS REFERRING TO PLUMBING AND COOPERATES WITH OTHER DIVISIONS WHERE PLUMBING IS INVOLVED. THE WINTER, HAVING BEEN MILD, THERE WAS A DECREASE IN THE NUMBER OF COMPLAINTS. THERE HAS BEEN A DECIDED INCREASE IN THE NUMBER OF PENALTIES FOR VIOLATIONS. THE COURTS HAVE BEEN COOPERATING VERY NICELY. THE SCARCITY OF RAIN MADE A VERY SERIOUS CONDITION IN OUR WATER SUPPLY. WE MADE EVERY EFFORT TO EDUCATE THE PUBLIC TO CONSERVE AND PREVENT THE WASTE OF WATER.

	1942	1943	1944	1945	1946	1947	1948	1949	1950
PLANS APPROVED-NEW SYSTEMS	135	142	45	130	181	187	223	204	209
PLANS APPROVED-OLD SYSTEMS	677	562	696	696	1103	868	748	832	770
SEWER INSPECTIONS	121	128	126	127	185	217	139	169	169
PLUMBING INSPECTIONS	2243	2190	2165	2352	2910	3295	4000	4176	3599
SPECIAL INSPECTIONS	6628	6732	11029	12718	13965	9355	9493	11455	8343
FINAL PLUMBING INSPECTIONS	1106	728	763	812	1110	973	954	957	1069
WATER TESTS	194	153	106	108	218	227	207	263	282
SMOKE TESTS	35	48	3	4	5	11	34	39	30
COMPLAINTS RECEIVED	531	583	1785	3251	2932	2600	3300	2835	2684
VIOLATIONS NOTICES SERVED	244	205	428	485	574	666	921	906	913
NOTICES COMPLIED WITH	210	175	372	421	542	614	897	893	929
NUISANCES ABATED			1035	2170	2487	2510	3307	3107	2796
LAW SUITS INSTITUTED	27	44	8	17	30	55	88	103	70
MASTER PLUMBERS LICENSES ISSUED	419	401	396	384	412	43	424	435	432
CROSS CONNECTIONS DISCONTINUED	38	12	3	1	22	147	17	52	5
WATER SAMPLES COLLECTED	1231	1138	1187	1169	600	851	563	652	437
DANCE HALLS INSPECTED	332	282	282	133	166	171	149	186	186

COMMUNICABLE DISEASE DIVISION

DR. J. W. GARDAM, MEDICAL DIRECTOR -- WILLIAM S. JENNINGS, CHIEF INSPECTOR

THE COMMUNICABLE DISEASE DIVISION IS RESPONSIBLE FOR CONTROLLING AND PREVENTING THE SPREAD OF DISEASE OTHER THAN VENEREAL AND TUBERCULOSIS. CASES REPORTED BY PHYSICIANS, NURSES, ETC., ARE VISITED BY OUR INSPECTORS, ISOLATION ESTABLISHED AND CONTACTS QUARANTINED, PLACARDS POSTED AND CASES OFFICIALLY RELEASED AT THE TERMINATION OF THE GROSS PERIOD ESTABLISHED BY LAW. MANY HOMES ARE REVISITED FREQUENTLY WHERE IT IS NECESSARY TO MAINTAIN STRICT SUPERVISION TO ENSURE PROPER QUARANTINE AND CONCURRENT DISINFECTION. CONTACTS TO DISEASES ARE EXAMINED BY THIS DIVISION BEFORE ADMITTING TO SCHOOL OR BUSINESS. INSPECTORS MADE 3,67 SUCH VISITS DURING THE YEAR, TOGETHER WITH 8,79 IMMUNIZATION CAMPAIGN VISITS MAKING A TOTAL OF 32,462 HOME CALLS. DIPHTHERIA IS A CARRIER DISEASE. IMMUNIZED CHILDREN CAN AND DO CARRY THE GERM AND SPREAD THE DISEASE TO UNPROTECTED CHILDREN. WE MUST, THEREFORE, SEE THAT EVERY CHILD IS IMMUNIZED. THESE INSPECTORS FOLLOW UP EVERY CHILD UNTIL ALL THREE INJECTIONS ARE COMPLETED. DELINQUENTS, EVEN AFTER ONE OR TWO INJECTIONS ARE VISITED TO INSURE THE FULL SERIES. WE MUST HAVE AS MANY IMMUNIZATIONS EACH YEAR AS THERE ARE NEWARK BIRTHS, IF DIPHTHERIA IS TO CONTINUE UNDER CONTROL. DIPHTHERIA HAS BEEN ALMOST ERADICATED IN NEWARK BY VIRTUE OF THIS PROGRAM, WITH ONLY 2 CASES AND NO DEATH IN SEVEN YEARS. TO BETTER PROTECT AGAINST THIS CHILDHOOD DISEASE, A PROGRAM OF RE-IMMUNIZATION OF SCHOOL CHILDREN WAS STARTED IN THE SCHOOLS IN 1948, AS THE PROTECTION USUALLY LASTS ONLY THREE OR FOUR YEARS.

MORBIDITY REPORT	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1-YR NORM.
* DIPHTHERIA	0	2	0	4	1	0	4	2	5	0	1	2
* SCARLET FEVER	931	1087	645	401	642	604	496	433	345	482	112	496
TYPHOID FEVER	6	2	5	8	3	18	2	4	1	0	2	4
PARA TYPHOID	1	3	1	0	0	1	2	1	1	1	0	0
TUBERCULOSIS	586	612	674	705	585	495	575	528	538	536	526	575
UNDULANT FEVER	3	5	0	3	1	5	0	1	3	1	3	2
TRICHINOSIS	0	3	3	5	2	8	5	4	7	3	0	2
LOBAR PNEUMONIA	994	9 2	952	1 45	707	732	686	502	452	458	423	732
BRONCHO PNEUMONIA	583	599	597	799	567	545	623	494	629	654	593	599
EPIDEM. MENING.	7	4	36	136	118	52	32	21	10	8	9	21
* INFANT. PARALYSIS	10	18	37	13	29	50	19	17	31	99	49	29
** WHOOPING COUGH	1051	1302	1534	088	294	765	1089	1373	288	486	761	1080
MEASLES	6878	4259	4105	4987	3142	191	11392	454	6247	5782	2370	4259
GERMAN MEASLES	70	6552	379	9	489	263	593	71	293	893	1957	489
CHICKEN POX	2439	3632	2957	148	3252	3439	1903	5120	5059	6095	606	3439
MUMPS	3503	1389	578	3094	2384	358	1263	2787	2760	2319	1304	2319
ERYSIPELAS	88	89	92	49	62	53	53	40	28	24	25	53
VINCENTS ANGINA	140	98	416	428	1173	1568	1207	1168	1194	1148	455	1168
OPHTHALMIA NEON.	127	58	91	61	47	68	44	46	45	62	5	62
PUERPERAL FEVER	4	4	0	2	4	1	0	2	0	1	0	1
DYSENTERY (AMB.)	2	2	2	0	2	2	0	0	4	0	0	2
TETANUS	1	2	3	0	2	0	2	1	1	0	0	2
INFLUENZA	89	424	138	194	75	109	57	45	35	32	53	75
MALARIA	0	0	0	0	56	86	46	3	2	0	4	2

1950 HAS BEEN OUTSTANDING IN A NUMBER OF WAYS. INFANTILE PARALYSIS WHICH WAS RAMPANT THROUGHOUT THE NATION HIT A LOW FIGURE OF 49 IN NEWARK. THIS EXCEEDED OUR EXPECTED NUMBER OF CASES BUT WAS ONLY ABOUT HALF OF THE PRECEDING YEAR. PNEUMONIA HAS RUN PRACTICALLY THE SAME NUMBER OF CASES FOR THE LAST SEVERAL YEARS. APPARENTLY WE HAVE HIT THE LIMIT THAT WE CAN EXPECT TO REDUCE THIS DISEASE PREVALENCE, ALTHOUGH MORTALITY IS GREATLY LOWER DUE TO USE OF PENICILLIN AND SULPHA DRUGS. WHOOPING COUGH AND GERMAN MEASLES ARE THE TWO OUTSTANDING DISEASES WHICH SHOW AN INCREASE OVER THE PRECEDING YEAR. GERMAN MEASLES IS EXCEEDINGLY MILD AND IS ONLY OF IMPORTANCE BECAUSE IT IS SO READILY CONFUSED WITH SCARLET FEVER, THE LATTER DISEASE SHOWING A MARKED REDUCTION FROM 482 TO 112 CASES.

THIS YEAR HAS SHOWN PROGRESS AND CHANGE IN THE METHOD OF CONTROLLING CONTACTS, PUTTING THIS WORK ON A SCIENTIFIC BASIS. FOR INSTANCE, SCARLET FEVER (INCLUDING STREP THROAT) CONTACTS, ARE NOW GIVEN PENICILLIN ORAL AND RELEASED IMMEDIATELY. MENINGITIS CONTACTS ARE GIVEN SULFADIAZINE AND RELEASED IMMEDIATELY. WHOOPING COUGH CONTACTS, WHO GIVE PROOF OF HAVING BEEN IMMUNIZED ARE GIVEN A BOOSTER DOSE OF VACCINE AND

COMMUNICABLE D SEASE DIVISION (CONTINUED)

BE TH N PERMITTED TO RESUME SCHOOL OR ORK IMMED TELY. ALL THESE MEASURES C T THE LOSS OF SCHOOL OR WORK TIME TO A MINIMUM AND ARE THEREFORE OF ECONOMIC IMPORTANCE. OUR HOOPING COUGH PROGRAM S STILL UNDER ACTIVE STUDY AND IS AG IN SHOWING PROGRESS IN THE RIGHT DIRECTION.

IMMUNIZATION RECORD (HOOPING COUGH & DIPHTHERIA)

NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIAN

	HOOPING COUGH			DIPHTHERIA		
	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL
1941	0	4161	4161	2380	2004	4384
1942	177	3697	3874	3798	2296	6094
1943	1095	2819	3914	4593	3074	7667
1944	3653	2951	6604	5486	2951	8437
1945	4542	3052	7594	6084	3052	9136
1946	4917	3339	8256	5937	3339	9276
1947	6046	3324	9370	6787	3324	10110
1948	6303	3389	9692	6619	3389	10008
1949	5616	3352	8967	5849	3353	9202
1950	6405	3295	9700	6607	3295	9902

AS MOST OF THESE TREATMENTS ARE UNDER 1 YEAR OF AGE, PRACTICALLY ALL THE CHILDREN TREATED IN THE P ST 5 YEARS ARE STILL PRE-SCHOOL (45,485 WHOOPING COUGH), (18199 DIPHTHERIA). AS THE ESTIMATED POPULATION UNDER 5 IS ABOUT 48,000, IT CAN READILY BE SEEN THAT OUR PROPORTION OF PROTECTED PRE-SCHOOL CHILDREN IS ABOUT 100% FOR DIPHTHERIA AND OVER 90% FOR WHOOPING COUGH. AS IN OUR CLINICS, THE BULK OF PRIVATE DOCTOR TREATMENTS ARE WITH COMBINED MATERIAL.

FOUR YEARS AGO WE STARTED ACCURATE RECORDING AS TO DATE OF WHOOPING COUGH ATTACK IN RELATION TO DATE OF IMMUNIZATION TREATMENT, IN SMUCH AS MANY OF THE CASES OVER FOUR YEARS AFTER TREATMENT AND ANY IMMUNIZATION WOULD NATURALLY BE LOST BY THAT TIME. IN DIPHTHERIA, WE KNOW THAT MOST CHILDREN ARE SUCCESSFULLY IMMUNIZED BY TREATMENT AND REMAIN PROTECTED FOR THREE YEARS, AFTER WHICH PROTECTION RAPIDLY DECLINES. OUR STUDY WOULD SEEM TO INDICATE THAT WHOOPING COUGH IMMUNIZATION TREATMENT IS REMARKABLY SIMILAR. THIS IS DEMONSTRATED IN SEVERAL WAYS:

1 - GREATLY REDUCED PREVALENCE RATE AMONG TREATED CHILDREN.

2 - GREATLY REDUCED SEVERITY IN THE PROTECTED GROUPS.

FOOD & DRUG DIVISION

JOSEPH E. CONNOLLY, ASST. HEALTH OFFICER - DAVID F. ORGAN, CHIEF INSPECTOR

OUR DEPARTMENT WAS CONFRONTED THIS YEAR WITH THE ERECTION OF NUMEROUS BARBE-CUE STANDS THROUGHOUT THE THIRD WARD, WITH THE USUAL LACK OF SANITIZING FACILITIES, FOOD EXPOSURES AND UNHYGIENIC FOOD PREPARATION AND HANDLING. MOST OF THEM WERE FOUND UNFIT AND WERE CLOSED UP.

VARIOUS FOOD SAMPLING PROGRAMS WERE CARRIED OUT THROUGHOUT THE YEAR TO CHECK FOR STANDARDS AND BACTERIOLOGICAL COUNTS, ETC.

IN THE FALL OF 1950, FOLLOWING A TERRIFIC HURRICANE IN THIS SECTION OF THE COUNTRY, THE CITY OF NEWARK EXPERIENCED A WEEK-END POWER BREAK-DOWN. NUMEROUS ELECTRIC REFRIGERATION SYSTEMS AND DEEP FREEZERS (FROZEN FOODS) THROUGHOUT THIS AREA WERE PUT OUT OF OPERATION. FEARING THAT SOME STORE OPERATORS MIGHT BE SELLING TAINTED MEATS AND VEGETABLES, OUR DEPARTMENT STRESSED THE MENACE OF EATING FROZEN FOODS THAT THAWED OUT DURING THE WEEK-END POWER BREAK-DOWN, ONLY TO BE REFROZEN AFTER REFRIGERATION WAS RESTORED. NUMEROUS WHOLESALE AND RETAIL OUTLETS WERE CHECKED AND SOME SAMPLES WERE PICKED UP FOR BACTERIOLOGICAL EXAMINATION. THE LABORATORY RESULTS WERE FOUND TO BE SATISFACTORY.

DURING THE WINTER OF 1950, OUR DIVISION CARRIED OUT AN INVESTIGATION OF THE PREPARATION, DISTRIBUTION AND SALE OF CREAM AND CUSTARD FILLED BAKERY PRODUCTS. LABORATORY SAMPLES WERE TAKEN AND IN THE FEW INSTANCES WHERE EXCESSIVE COUNTS WERE FOUND, IMMEDIATE CORRECTIVE MEASURES WERE TAKEN.

CITY FOOD & DRUG INSPECTION SERVICE

PLACES WHERE FOODSTUFF IS PREPARED OR COOKED	PLACES	INSPECTIONS	MISCL. OTHER FOOD ESTABLISHMENTS INSPECTED	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	952	4500	TAVERNS	522	1946
" IN TAVERNS	459	1606	CONFECTIONERIES	572	1737
" IN CONFECTION.	246	536	GROCERY & DELICATESSEN	1274	4494
" IN DELICATESS.	56	56	PRODUCE	308	574
" IN DRUG STORES	43	96	DRUG STORES	182	373
BAKERIES	662	893	MISCELLANEOUS	575	687
MISCELLANEOUS PLANTS	75	1101	SPECIAL INVESTIGATIONS		2560

TOTAL INSPECTIONS AND INVESTIGATIONS - 21,159

NOTICES SERVED	1671	CASES TURNED IN FOR LEGAL ACTION	21
NOTICES ABATED	1372	HEARING NOTICES SENT TO VIOLATORS	186
COMPLAINTS INVESTIGATED	397	MISC. FOOD SAMPLES TAKEN	382

SOME LARGE CONDEMNATIONS DURING YEAR: 1200 BUSHELS PICKLES
3000 GALLONS VINEGAR
8180-48 OZ. CANS CONCENTRATED ORANGE JUICE

GLASS SWAB SAMPLES FROM TAVERNS FOR BACTERIOLOGICAL EXAMINATIONS - 950

BACTERIAL SAMPLES TAKEN - 895	STERILE	632	- 70.61%
	COUNTS 1 TO 1,000	82	- 9.16%
	" 1,001 TO 100,000	162	- 18.00%
	" OVER 100,000	19	- 2.23%
	SAMPLES SATISFACTORY	876	- 97.77%
	AVERAGE COUNT	15,600	
BICOLI SAMPLES TAKEN - 895	STERILE	830	- 92.73%
	COUNTS 1 TO 1,000	59	- 6.60%
	" OVER 1,000	6	- .67%
	SAMPLES SATISFACTORY	889	- 99.31%
	AVERAGE COUNT	23	
COLON INDEX SAMPLES TAKEN - 895	STERILE	760	- 84.91%
	COUNTS 1 TO 50	63	- 7.04%
	" OVER 50	72	- 8.05%
	SAMPLES SATISFACTORY	823	- 91.95%
	AVERAGE COUNT	39	

FOOD & DRUG DIVISION (CONTINUED)

MILK & DAIRY CONTROL

INSPECTIONS REPORT	INSP.	RE-INSP.	TOTAL	EXCLUDED
PASTEURIZING PLANTS	153	10	163	12
RECEIVING PLANTS	140	30	170	-
DAIRIES	7361	229	7590	53

MILK CONDEMNED - - 12,560 QTS.

MILK SAMPLING	NO. OF SAMPLES	AVE. BACT. PER C. C.	AVE. % BUTTERFAT	AVE. % TOTAL SOLIDS
GRADES OF MILK				
CERTIFIED RAW	40	4,600	12.83	3.85
CERTIFIED PASTEURIZED	10	6,800	13.10	3.96
PREMIUM PASTEURIZED	680	7,900	13.07	4.19
PASTEURIZED	1088	9,000	12.45	3.59
GRAND AVERAGE	1818	8,500	12.70	3.82

ESTIMATED DAILY MILK CONSUMPTION OF NEWARK (PER CAPITA) 1.2 PINTS

(POPULATION 443,000) DAILY CONSUMPTION 263,631 QTS.

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OCCUPATIONAL CLINIC

DR. WILLIAM T. RUMAGE, DIRECTOR M. C. MANNING, OFFICE MANAGER

BY LOCAL ORDINANCE, ALL FOOD HANDLERS AND DOMESTICS MUST BE PHYSICALLY EXAMINED AND RECEIVE HEALTH CARDS EVERY SIX MONTHS. THE EXAMINATION INCLUDES THE BLOOD TEST FOR SYPHILIS, TWICE YEARLY FOR DOMESTICS AND ONCE YEARLY FOR FOOD HANDLERS, AS WELL AS A 4"X5" X-RAY ANNUALLY FOR BOTH FOOD HANDLERS AND DOMESTICS. VINCENT ANGINA SMEARS ARE TAKEN WHERE ABNORMAL MOUTH SYMPTOMS ARE PRESENT.

DURING THE YEAR, 29,22[illegible] FOOD HANDLERS AND 3,974 DOMESTICS RECEIVED HEALTH CARDS. OF THESE, 25,7[illegible] FOOD HANDLERS AND 3,878 DOMESTICS WERE EXAMINED WITHOUT COST AT OUR CLINIC. THE OTHER 3,607 WERE EXAMINED BY PRIVATE PHYSICIANS.

THE WORK IS PRIMARILY A CASE FINDING PROGRAM FOR TUBERCULOSIS AND VENEREAL DISEASE, PLACING UNSUSPECTED CASES THUS FOUND UNDER TREATMENT. IN ADDITION TO THIS, THE PROCEDURE IMPRESSES FOOD HANDLERS WITH THE HAZARDS OF DISEASE SPREAD AND THE VITAL NEED OF PERSONAL HYGIENE.

THERE WERE 574 FOOD HANDLER REJECTIONS AND 95 DOMESTIC REJECTIONS DURING THE YEAR. THESE INCLUDED 107 SYPHILIS, 12 GONORRHEA, 13 FOR TUBERCULOSIS, 25 FOR INFECTIOUS SKIN CONDITIONS AND 317 FOR VINCENTS ANGINA. THE LAST WERE ALL REQUIRED TO TAKE DENTAL TREATMENT TO IMMEDIATELY CLEAR UP THE MOUTH CONDITION. THERE WERE 570 TEMPORARY CARDS ISSUED PENDING FURTHER CHECK UP.

THIS CLINIC COOPERATES WITH THE INDUSTRIAL HYGIENE DIVISION BY X-RAYING AND BLOOD-TESTING GROUPS OF EMPLOYEES REFERRED BY THAT DIVISION. SUSPICIOUS X-RAYS ARE REFERRED TO THE TUBERCULOSIS DIVISION.

CITY DISPENSARY

PASCAL BAROCCHI, M.D., MEDICAL RECEIVING OFFICER
ELVIRA RYAN, R.N., DIR. PUB. HEALTH NURSING - OSCAR B. STEVENS, CHIEF PHARMACIST

THE CITY DISPENSARY PROVIDES CLINIC TREATMENT FOR MEDICALLY INDIGENT AS WELL AS THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS AND PAID FOR BY THE RELIEF DEPARTMENT FOR PATIENTS ACTUALLY ON RELIEF AND BY THE HEALTH DEPARTMENT FOR THOSE NOT ON RELIEF BUT UNABLE TO PAY. THE PATIENT IS GIVEN FREE CHOICE OF WHICH PLAN. THE [illegible],626 CLINIC TREATMENTS OF THE SICK POOR DO NOT INCLUDE APPROXIMATELY 27,000 VENEREAL DISEASE TREATMENTS, 30,000 TUBERCULOSIS AND CARDIAC TREATMENTS, NOR THE EXAMINATION OF 30,000 FOOD HANDLERS AND DOMESTICS. THAT IS MORE TRULY PREVENTIVE MEDICINE AND IS REPORTED UPON ELSEWHERE HEREIN.

AFTER A GREAT INCREASE OF 50% IN CLINIC ATTENDANCE FROM 43,247 TREATMENTS IN 1948 TO 64,28[illegible] IN 1949, THERE WAS A SLIGHT DECREASE IN 1950, TOTAL TREATMENTS NUMBERING 61,[illegible]26. INDIVIDUAL PATIENTS TREATED DECREASED FROM 42,7[illegible]3 TO 3[illegible],580. FREE PRESCRIPTIONS PROVIDED BY THE DISPENSARY PHARMACY FOR ALL CLINIC PATIENTS AND FOR PATIENTS VISITED AT HOME NUMBERED 43,131. INCIDENTALLY, PHYSICIANS' CALLS SHOWED A SLIGHT INCREASE WITH 8,706. THE PHARMACY NOT ONLY PREPARES AND FILLS SUCH PRESCRIPTIONS BUT ALSO HANDLES THE DISTRIBUTION OF ALL BIOLOGICALS SUPPLIED FREE TO PHYSICIANS FOR IMMUNIZATIONS, VACCINATIONS AND DISEASE TESTING. THEY ALSO DISTRIBUTED OVER [illegible] VIALS OF COD LIVER EXTRACT MOSTLY FOR INFANTS AT THE CHILD HYGIENE STATIONS.

THE DISPENSARY HAS A SMALL STAFF OF MEDICAL SOCIAL WORKERS WHO CHECK ON ABILITY TO PAY. IN ADDITION TO PERSONAL INTERVIEW OF NEW PATIENTS, SPOT-CHECK HOME VISITS ARE MADE, ESPECIALLY FOR DOCTOR VISITS TO THE HOME. FOR DOCTOR VISITS, WE MOST NATURALLY SEND A PHYSICIAN FIRST, AND IF THE DOCTOR SUGGESTS ABILITY TO PAY, WE INVESTIGATE AND BILL IF NOT ELIGIBLE. NO FUTURE CALLS ARE PAID FOR INELIGIBLES. APPROX. 25% OF THE PATIENTS HANDLED THIS YEAR WERE RELIEF CLIENTS. WHEN THERE IS A DECREASE IN FREE MEDICAL CARE DUE TO IMPROVED ECONOMIC CONDITIONS, THE GREAT REDUCTION IS IN THE RELIEF GROUP. IN RECENT YEARS, THE PERCENTAGE OF RELIEF CLIENTS HAS BEEN AS HIGH AS 40%. MANY GRADUATE FROM TOTAL INDIGENCY TO A SLIGHTLY HIGHER STATUS BUT STILL BELOW ABILITY TO PAY FOR MEDICAL CARE.

HOME CARE OF THE SICK - DOCTORS OF PATIENTS' OWN CHOICE MADE 9,426 CALLS OF WHICH 4,080 WERE ON RELIEF AND PAID FOR BY THE RELIEF DEPARTMENT. THE OTHER 4,626 WERE MEDICALLY INDIGENT AND WERE PAID FOR BY THE HEALTH DEPARTMENT AT AN AVERAGE COST OF $3.60 PER VISIT. ($3.00 FOR DAY CALLS - $5.00 AFTER [illegible] P.M.) THE VISITING NURSE ASSN. MADE 4200 HOME NURSING VISITS FOR THE SICK. OF THESE, 45% WERE PAID BY THE RELIEF DEPARTMENT AND 55% BY THE HEALTH DEPARTMENT, AT $2.34 PER CALL.

OUR NEIGHBORHOOD DENTAL CLINICS FOR CHILDREN NOW TOTAL NINE. THE MAIN DENTAL CLINIC TREATS CHILDREN ON 3 DAYS AND ADULTS 2 DAYS. CHILDREN'S DENTAL TREATMENTS INCREASED FROM 12,755 TO OVER 15,000 IN 1950.

CLINIC TREATMENTS	1950	1949
MEDICAL	8642	7917
CHILDREN	2272	2428
SURGICAL	3608	3760
GYNAECOLOGICAL	749	701
SKIN	5280	5962
RECTAL & G.I.	1879	2270
ORTHOPEDIC	1404	1021
DENTAL - ADULT	3514	4541
" - CHILDREN	15238	12755
NEURO-PSYCHIATRIC	1033	977
ESSEX CO. HOSP. PAROLEES	77	85
NERVOUS DISEASES	1439	1614
METABOLIC	1338	969
VARICOSE VEINS	1011	1093
VACCINATION	639	761
VIOLINE LAMP	476	398
MASSAGE & ELEC. THERAPY	2059	2435
TESTS-IMMUNIZATIONS	4039	974

	1950	1949
INSULIN & OTHER INJEC.	2004	2113
CIRCUMCISION	85	282
TUMOR	168	28
EYE	490	386
EMPLY. DIAGNOSTIC CLINIC	786	3043
TOTAL TREATMENTS	61[illegible]26	64281
DIFF. PATIENTS TREATED	[illegible]5724	1[illegible]565
PRESCRIPTIONS	4313	44363
X-RAYS DENTAL FILM	2893	2[illegible]51
" CHEST FILM 4X5	26678	29[illegible]32 *
" " " 14X17	7081	7538
" MISC. CLINICS	1304	2043
DOC. CALL PD BY RELIEF DEP.	4080	4206
" " " " HEALTH DEP.	4626	4624

* DISP. X-RAY LAB. MAKES OVER [illegible],000 CHEST X-RAYS FOR T.B. DETECTION PROGRAM.

CHEST DISEASE DIVISION

DR. IRVING WILLNER, DIRECTOR -- DR. JAMES JASO, ASST. DIRECTOR
MAE WACKENHUTH, R.N., SUPERVISING NURSE

TUBERCULOSIS CONTROL (MORTALITY AGAIN LOWEST EVER) MORTALITY IN 1950 HAS AGAIN DROPPED TO 47.2, LOWEST EVER RECORDED FOR NEWARK. THERE HAS BEEN A STEADY DECREASE IN MORTALITY FROM TUBERCULOSIS SINCE 1946 WHEN THE RATE WAS 59.0. MORBIDITY RATE HAD HELD AT ABOUT THE SAME LEVEL AS IN THE PAST FOUR YEARS, THE REPORTED CASES BEING 526 FOR 1950 WITH A RATE OF 17.2. MORTALITY HAS DROPPED FROM OVER 50, THIRTY YEARS AGO BUT THIS CONTINUING REDUCTION IS ENCOURAGING WHEN WE CONSIDER THE OVERCROWDED CONDITIONS STILL PREVALENT THROUGHOUT THE CITY. UNDER SUCH CONDITIONS ADULTS AND CHILDREN LIVE IN CLOSE CONTACT SO THAT MASS EXPOSURE WILL CERTAINLY OCCUR WHERE AN ACTIVE CASE OF TUBERCULOSIS IS PRESENT. DECREPIT AND DILAPIDATED BUILDINGS ARE STILL WITH US AND IN THESE SLUM AREAS WE FIND OUR GREATEST NUMBER OF CASES. SOME ACTIVITY HAS TAKEN PLACE DURING THE PAST YEAR IN THE FIELD OF SLUM CLEARANCE BUT ONLY THE SURFACE HAS BEEN SCRATCHED. POOR HYGIENE, MALNUTRITION, OVERCROWDING AND SUBSTANDARD SANITATION FORM THE BASIC GROUND WORK FOR THE SPREAD OF TUBERCULOSIS. ONLY WITH NEW HOUSING CAN THESE CONDITIONS IMPROVE.

THE TUBERCULIN TESTING PROGRAM HAS BEEN INTENSIFIED WITH PLANS FOR THE COMING YEAR OF PATCH TESTING LARGE NUMBERS OF CHILDREN. THIS HAS BEEN ROUTINELY FOLLOWED AT THE HEALTH DEPARTMENT AND IS NOW TO BE EXTENDED TO OUR OUTLYING CLINICS. THE COOPERATION OF THE CHILD HYGIENE DIVISION WILL LEAD TO CONTACT WITH ALL YOUNG INFANTS. WHERE A POSITIVE REACTION IS OBTAINED, NOT ONLY THE CHILD, BUT ALL MEMBERS OF THE FAMILY AND CONTACTS ARE X-RAYED. THIS WILL BRING US IN TOUCH WITH MANY FAMILIES WHO HAVE AVOIDED THE MASS X-RAY PROGRAMS.

EXAMINATION OF LARGE GROUPS OF INDIVIDUALS AND MASS X-RAY PROGRAMS HAVE CONTINUED IN OUR CASE FINDING PROGRAM. WITH THE ASSISTANCE OF ASSOCIATED AGENCIES LARGE NUMBERS HAVE BEEN X-RAYED IN DRIVES CONDUCTED IN CONGESTED SLUM AREAS AND IN INDUSTRIAL PLANTS. SUSPICIOUS CASES HAVE BEEN FOLLOWED UP INTENSIVELY AND MANY NEW CASES HAVE BEEN LOCATED.

CONFERENCES HAVE BEEN HELD WITH THE STATE DEPARTMENT OF HEALTH FOR PLANS DURING 1951 FOR MASS X-RAYING THE CITY POPULATION BY MEANS OF A MOBILE UNIT WHICH WILL BE MOVED FROM PLACE TO PLACE OVER A PERIOD OF TWO MONTHS.

OUR RECORDS REVEAL THAT A LARGE PERCENTAGE OF CASES ARE UNSUSPECTED. IN 1948, 21% OF THE CASES WERE REPORTED AFTER THEIR DEMISE; IN 1949, 23% AND IN 1950, 37%. THESE FIGURES INDICATE THE NEED OF PERIODIC EXAMINATIONS OF EVERYONE.

OUR PNEUMOTHORAX CLINIC GAVE 9,[illegible] TREATMENTS DURING THE YEAR. SEVERAL CASES WERE REFERRED TO THE CITY HOSPITAL AND THE ESSEX COUNTY SANATORIUM FOR PNEUMOLYSIS OR THORACOPLASTY. OUR CLINIC EXAMINATIONS INCREASED TO 9,750 DURING 1950 AS COMPARED WITH 9,[illegible], DURING THE PREVIOUS YEAR. THERE HAS BEEN AN INCREASE IN THE X-RAYS TAKEN BY OUR DIVISION, 7,425 PLATES BEING TAKEN AS COMPARED WITH 5,670 IN 1949. AMONG X-RAYS IN THE TUBERCULOSIS CONTROL CLINIC, [illegible] CASES OF ACTIVE TUBERCULOSIS WERE LOCATED. IN ADDITION, 1,153 PLATES WERE EXAMINED FOR OTHER CLINICS WHICH REVEALED 29 CASES OF CARDIAC PATHOLOGY WHICH WERE REFERRED TO OUR CARDIAC DIVISION. SEVENTEEN SHOWED EVIDENCE OF PULMONARY TUBERCULOSIS. DURING THE YEAR, 673 FOOD HANDLERS AND DOMESTICS X-RAY WERE SENT TO US FOR EXAMINATION AND STUDY. THIS WAS MORE THAN TWICE THE NUMBER IN 1949 WHEN 257 WERE REFERRED. OF THIS NUMBER, 167 WERE GIVEN TEMPORARY HEALTH CARDS AND 13 CASES WERE REPORTED FOR ACTIVE TUBERCULOSIS. FLUOROSCOPY HAS BEEN INTENSIVE DURING THE PAST YEAR WITH 2,517 EXAMINATIONS BEING MADE. THE NURSES MADE 26,658 VISITS TO HOMES IN THE ROUTINE FOLLOW-UP OF ACTIVE AND SUSPICIOUS CASES OF TUBERCULOSIS.

CARDIAC DISEASE CONTROL THERE HAS BEEN A MARKED INCREASE OF ACTIVITY IN OUR CARDIAC CLINIC (LARGEST IN THE STATE) FROM THE STANDPOINT OF DIAGNOSIS AND TREATMENT. DURING THE PAST YEAR, 5,350 EXAMINATIONS WERE MADE AND 935 ELECTROCARDIOGRAMS WERE TAKEN. THE FOLLOWING PATHOLOGICAL CLASSIFICATION WAS FOUND:

HYPERTENSIVE	589	ARTERIOSCLEROTIC	212	SYPHILITIC	95
RHEUMATIC	73	CONGENITAL	7	[illegible]	14
POSSIBLE OR POTENTIAL	17	COR PULMONALE	11	HYPERTHYROID	6
CARDIAC NEUROSIS	9	NO ORGANIC DISEASE	199	ANEMIC	3

CHEST DISEASE DIVISION (CONTINUED)

HAY FEVER AND ASTHMA CLINIC — THE ALLERGY CLINIC CONTINUED UNDER THE SUPERVISION OF DR. FRANK L. ROSEN. IT WAS EXPANDED DURING THE PAST YEAR. PATIENTS ARE REFERRED FROM DISPENSARY CLINICS, OTHER ALLERGY CLINICS WHEN PATIENTS CANNOT AFFORD THE LOCAL CLINIC FEES, AND DIRECT REFERRALS FROM PRIVATE PHYSICIANS. RESEARCH PROJECTS INSTITUTED LAST YEAR ARE CONTINUING. A NEW ONE HAS BEEN ADDED, "THE INCIDENCE OF POSITIVE REACTIONS TO VARIOUS OLDER". WE ARE NOW RESCREENING SEVERAL NEW MEDICINES FOR THESE ALLERGIC PATIENTS WITH ASTHMA, HAY FEVER AND ALLERGIC SKIN DISEASE AND RESULTS HAVE IMPROVED OVER PREVIOUS YEARS. DURING 1950, 3,145 EXAMINATIONS WERE MADE AS COMPARED WITH 1949 FOR THE PREVIOUS YEAR.

DIVISIONAL WORK

VISITS, INVESTIGATIONS BY NURSES	26,658
CLINIC EXAMINATIONS - ADULTS & CHILDREN	9,750
CLINIC EXAMINATIONS - CARDIAC	5,350
CLINIC EXAMINATIONS - HAY FEVER & ASTHMA	3,145
X-RAYS	7,425
FLUOROSCOPIC EXAMINATIONS	2,517
PNEUMOTHORAX TREATMENTS	[illegible]
CAMP CHILDREN EXAMINATIONS	658
PATCH TESTS	473
ELECTROCARDIOGRAMS	935

SANATORIA & HOSPITAL EXAMINATIONS

VERONA - COUNTY SANATORIUM CLINIC	243
GLEN GARDNER - STATE SANATORIUM CLINIC	132
SOHO - COUNTY HOSPITAL CLINIC	6
FARMINGDALE - STATE PREVENTORIUM CLINIC	6

FOOD HANDLER & DOMESTIC WORK

FOOD HANDLER RE-EXAMINATIONS	85
" " TEMP. CARDS ISSUED	165
" " REJECTIONS	10
DOMESTIC RE-EXAMINATIONS	45
" TEMP. CARDS ISSUED	38
" REJECTIONS	3

EXAMINATIONS - NEIGHBORHOOD CLINICS

BAXTER COURT	66
CUTLER CLINIC	64
FERRY STREET	34
SETH BOYDEN	30
PENNINGTON COURT	27
WEST STREET	23

DEATHS (LAPSE OF TIME AFTER REPORT CASE)

No. CASES REPORTED PRIOR TO DEATH	WITHIN 1 YEAR	74	36%
	1 TO 2 YEARS	20	10
	2 TO 3 YEARS	12	4
	4 YEARS & OVER	27	13
		33	63%
No. CASES REPORTED AFTER DEATH		76	37%

(SEE STATISTICAL TABLES FOR MORTALITY AND MORBIDITY)

DIVISION OF CHILD HYGIENE

DR. JULIUS LEVY, DIRECTOR -- MRS. MEREDITH EHRICH, SUPERVISING NURSE

THE INFANT MORTALITY RATE IN 1950 WAS 27.1, WHICH IS 1.9 LESS THAN IT WAS IN 1949 AND REPRESENTS A REDUCTION OF APPROXIMATELY 7%. IT IS THE LOWEST RATE EVER REPORTED IN THE CITY OF NEWARK.

A GOOD SHARE OF THIS REDUCTION IS DUE TO THE REDUCTION IN THE INFANT MORTALITY RATE AMONG THE NON-WHITES, SINCE THE WHITE INFANT MORTALITY RATE REMAINED THE SAME IN 1950 AS IT WAS IN 1949 - 22.2 IN 1950 AND 22.3 IN 1949. THE RATE FOR NON-WHITES, HOWEVER, HAS DROPPED FROM 61.7 IN 1949 TO 47.7 IN 1950, A REDUCTION OF ABOUT 23%.

THE RATE FOR DEATHS UNDER ONE DAY HAS INCREASED BY .1 WITH PRACTICALLY NO REDUCTION IN THE FIRST FEW OF LIFE. THE ONLY NEW REDUCTION IN INFANT MORTALITY COMES FROM ALMOST ENTIRELY THE REDUCTION IN MORTALITY AFTER THE FIRST MONTH OF LIFE. THIS IS IN THE RATE, THE POST NEONATAL DEATH RATE, THAT HAS DROPPED OVER ONE-THIRD OVER THE PAST ONE YEAR. THE MOST DISTURBING FACT WE FOUND, HOWEVER, WAS AMONG THE WHITES THAT THE RATE REMAINED ALMOST THE SAME - 5.0 IN 1949 AND 4.4 IN 1950 - AMONG THE NON-WHITES THE RATE DROPPED FROM 17.2 IN 1949 TO 9.3 IN 1950, REPRESENTING A REDUCTION OF 45.9%.

WHILE IT IS DIFFICULT TO EXPLAIN THIS MARKED REDUCTION DURING THE PAST YEAR, IT IS POSSIBLE THAT IT IS RELATED TO THE IMPROVED ECONOMIC STATUS OF MANY FAMILIES, THE CUMULATIVE EFFECTS OF EDUCATION IN THE CARE, FEEDING, AND HANDLING OF INFANTS, AND THE GREATER AVAILABILITY OF MEDICAL CARE BOTH FROM IMPROVED ECONOMIC STATUS AND FROM THAT MADE POSSIBLE BY THE MEDICAL CARE SERVICE OF THE HEALTH DEPARTMENT.

WE HAVE CONTINUED TO EMPHASIZE EMOTIONAL AND MENTAL DEVELOPMENT OF CHILDREN AND THE IMPORTANCE OF ANTICIPATORY GUIDANCE IN REGARD TO PARENT-CHILD RELATIONSHIPS. CLASSES OR SUPERVISION OF NURSES HAS CONDUCTED DISCUSSION GROUPS IN THE NURSES AND HAS ARRANGED TO HAVE THEM VISIT NURSERY SCHOOLS FOR OBSERVATION. FILMS DEALING WITH THIS PHASE OF CHILD DEVELOPMENT HAVE BEEN SHOWN TO THEM WHICH WERE OBTAINED FROM THE NEW JERSEY STATE DEPARTMENT OF HEALTH.

BOARD NURSING HOMES LICENSED DURING 1950 - 118

" " REJECTED " " - 17

SUPERVISED IN COOPERATION WITH N. J. STATE DEPT. OF EDUCATION -

DAY NURSERIES	- 9
NURSERY SCHOOLS	- 6
DAY-CARE CENTERS	- 1

NURSES' ACTIVITIES

YEAR	SUPERVISED RATIO BORN DURING YEAR	TOTAL NO. OF SUPERVISED BABIES UNDER TWO YEARS	NURSES' VISITS TO HOMES	MOTHERS' VISITS TO CONSULTATION STATIONS
1920	3,167	3,011	32,591	3,963
1925	4,010	7,490	42,477	7,801
1930	4,777	8,437	61,445	32,298
1935	4,060	12,948	72,877	25,903
1940	5,364	13,591	64,135	24,597
1945	6,834	12,439	72,373	11,040
1950	7,710	14,341	96,025	13,675

VENEREAL DISEASE CONTROL DIVISION

DR. EDMOND EDELSON, PHYSICIAN-IN-CHARGE

EACH YEAR, ESPECIALLY DURING THE PAST FIVE YEARS, WE HAVE WRITTEN ENTHUSIASTICALLY ABOUT THE NEW DRUGS AND TREATMENTS AVAILABLE FOR THE CARE OF VENEREAL DISEASE AND HOW EFFECTIVE THESE NEW APPROACHES WERE IN CURTAILING MORBIDITY AND IN DECREASING ECONOMIC LOSS AS WELL. THE PAST YEAR HAS BEEN NO EXCEPTION IN THAT NOT ONLY HAVE NEW AND POTENT MEDICATIONS BECOME GENERALLY AVAILABLE FOR THE PATIENTS BUT THE STATE PUBLIC HEALTH SERVICE HAS FOUND IT WITHIN ITS MEANS, IN SPITE OF THE EXPENSE INVOLVED, TO INCLUDE THE NEW MEDICATIONS IN THE ARMAMENTARIUM AVAILABLE FREE TO INDIGENT PATIENTS AND FOR USE THROUGH OUR CLINICS.

ALL THESE IMPROVEMENTS ARE OF THE UTMOST VALUE WHEN THE CIVILIAN PEACETIME POPULATION ALONE IS CONCERNED, BUT THESE GREAT MEDICAL DEVELOPMENTS WILL BE OF INESTIMABLE VALUE IN HELPING TO MAINTAIN AN EXPANDED MILITARY FORCE AND AN INDUSTRIALIZED HARD WORKING CIVILIAN POPULATION AT PEAK EFFICIENCY.

DURING THE PAST WAR, AND AGAIN IN THE PRESENT EMERGENCY, OUR VENEREAL DISEASE DIVISION HAS BEEN CALLED UPON TO COOPERATE IN CONTROL PROGRAMS BOTH FOR THE MILITARY AS WELL AS FOR THE CIVILIAN BENEFIT. OUR DEPARTMENT HAS ALSO, IN THE PAST FEW MONTHS, HELPED IN MASS BLOOD TESTING AND BLOOD TYPING PROGRAMS FOR THE PRESENT DEFENSE PROGRAM.

CLINIC REPORT		1947	1948	1949	1950
SYPHILIS	NEW PATIENTS - MALE	325	287	273	184
	" " FEMALE	347	277	299	184
	TOTAL NEW PATIENTS	672	564	572	368
	PATIENTS TREATED - MALE	1224	1202	4154	4002
	" " FEMALE	982	1184	3697	4511
	TOTAL PATIENTS TREATED	2206	2386	7851	8513
	TREATMENTS GIVEN	22785	17728	19714	10269
	CASES REPORTED FROM NEWARK	2105	1890	1865	1595
	PATIENTS DISMISSED, ARRESTED OR CURED	1140	1760	894	875
	PATIENTS PUT ON REST	360	125	437	599
GONORRHEA	NEW PATIENTS - MALE	951	660	621	916
	" " FEMALE	285	327	413	438
	TOTAL NEW PATIENTS	1236	987	1034	1354
	PATIENTS TREATED - MALE	1443	[illegible]07	4709	3[illegible]99
	" " FEMALE	1120	1009	1109	1647
	TOTAL G.C. PATIENTS TREATED	2563	2116	5818	5246
	TOTAL VISITS G.C.	7049	6569	7626	5676
SOURCES OF INFECTION	NAMED	705	645	489	1022
	FOUND AND EXAMINED	315	342	244	733
	FOUND INFECTIOUS	132	118	130	302

LABORATORIES

DR. H. A. TARRELL, CHIEF BACTERIOLOGIST — FRED COLTRELL, ASST. CHIEF BACTERIOLOGIST
DR. H. S. MARTLAND, PATHOLOGIST — WALSEY DURAND, B.S., CHIEF CHEMIST
DISPENSARY LABORATORY - CARL CORDASCO, B.S., PH.G., ASST. CHIEF BACT.

(THESE LABORATORIES MAKE FOOD, MILK AND WATER EXAMINATIONS, FREE DIAGNOSTIC TESTS FOR LOCAL PHYSICIANS AND DEPARTMENT CLINICS)

BACTERIOLOGICAL

DIPHTHERIA CULTURES - - - - - -	2274
" " POSITIVE - -	0
TUBERCULOSIS SPUTA - - - - - -	4469
" " POSITIVE - -	507
TYPE [illegible] (ANALS) - - - - - - - -	20
" " POSITIVE - -	2
PARA TYPHOID, A & B - - - - - - -	18
" " " POSITIVE - -	0
DOUGLAS EXAM. (TABLETS) - -	44
" " POSITIVE - -	0
VINCENT ANGINA SMEARS - - - -	64
" " " POSITIVE - -	167
GONORRHOEA SMEARS - - - - - - -	4032
" " POSITIVE - -	425
" CULTURES - -	5529
" " POSITIVE - -	520
EXAM. FOR UNDULANT FEVER - - -	8
" " " POSITIVE - -	0
EXAM. OF FECES & URINE - - - -	130
WATER EXAMINATIONS - - - - - -	273
MILK & CREAM EXAMINATIONS - - -	2345
ICE CREAM EXAMINATIONS - - - -	159
SHELL FISH " - - - - - -	37
MISC. FOOD " - - - - - -	54
SWABBING FROM EATING UTENSILS -	706
RINSE WATER SWABBINGS - - - - -	107
PASTEUR TREATMENTS GIVEN - - -	6
TOTAL	21180

CHEMICAL

MILK SAMPLES - - - - - - - - - - - -	2387
" " BELOW STANDARD - - -	1
MILK AVERAGE SOLIDS (ALL SAMPLES)	12.70
" " FAT " "	3.81
CREAM SAMPLES - - - - - - - - - - -	4
" " BELOW STANDARD - - -	0
ICE CREAM SAMPLES - - - - - - - - -	336
" " " BELOW STANDARD - - -	21
[illegible] SAMPLES - - - - - - - - -	[illegible]
MISCL. " - - - - - - - - - - -	456
PHOSPHOTASE TEST (MILK PASTEURIZN)	2579
TOTAL	5957

NOTE - SPECIAL EXAMINATIONS INCLUDED HORSE MEAT, [illegible] EXCESSIVE FAT CONTENT IN MEATS; ARTIFICIAL FLAVORINGS, AND MANY OTHER TYPES OF FOODS.

WATER SAMPLES INCLUDED ROUTINE EXAMINATIONS FROM WATER SHEDS, LOCAL FAUCETS, ETC. AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, ETC.

SEROLOGICAL

PRE MARITAL TESTS (KAHN) - -	7992
" " POSITIVE	147
PRENATAL " " - - - -	5710
" " " POSITIVE	79
DIAGNOSTIC " " - - - -	26993
" " " POSITIVE	3730
TOTAL KAHN TESTS - - - - - - -	40835
" " " POSITIVE	3946
CONFIRMATION WASSERMANNS - - -	4306
" " POSITIVE	2017
SPINAL FLUIDS, WASSERMANNS - -	119
" " " POSITIVE	57
RH FACTOR DETERMINATION - - -	2709
" " " POSITIVE	2485
" ANTIBODY TITRATION - - - -	21
HETEROPHILE ANTIBODY DET. - - -	141
BLOOD TEST (FOR TYPE) - - - - -	171
MISC. QUANT. WASS. AGGLUTINATION, GOLD CURVE, &C.	141
TOTAL	49233

DISPENSARY LABORATORY

KLINE		TOTAL	POS.
BLOOD TESTS FOR SYPHILIS	FOOD HANDLERS	15450	11
	DOMESTICS	3345	105
	INDUSTRIAL	608	19
	CLINICS	9025	2153
	MILITARY	401	5
	PRIVATE DOCTOR	3033	92
	MARRIAGE	262	35
	TOTAL KLINES	38339	4373
QUANTITATIVE KLINE TESTS - - -		4895	1853
DARKFIELDS - - - - - - - - - - -		130	19
SPINAL FLUIDS - - - - - - - - -		335	169
GONORRHEA SMEARS - - - - - - -		6028	1127
VINCENTS ANGINA SMEARS - - - -		1759	463
TRICHOMONAS VAGINALIS - - - - -		199	100
URINALYSES - - - - - - - - - - -		3576	-
SPECIAL TESTS FOR BLOOD COUNT, CLOTTING & BLEEDING TIME, SEDIMENTATION RATE, ETC. - -		827	-
TOTAL		56097	